

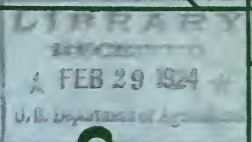
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# FOTTLER, FISKE, RAWSON CO.

THE SEED STORE

12 & 13 FANEUIL HALL SQUARE  
BOSTON MASS.

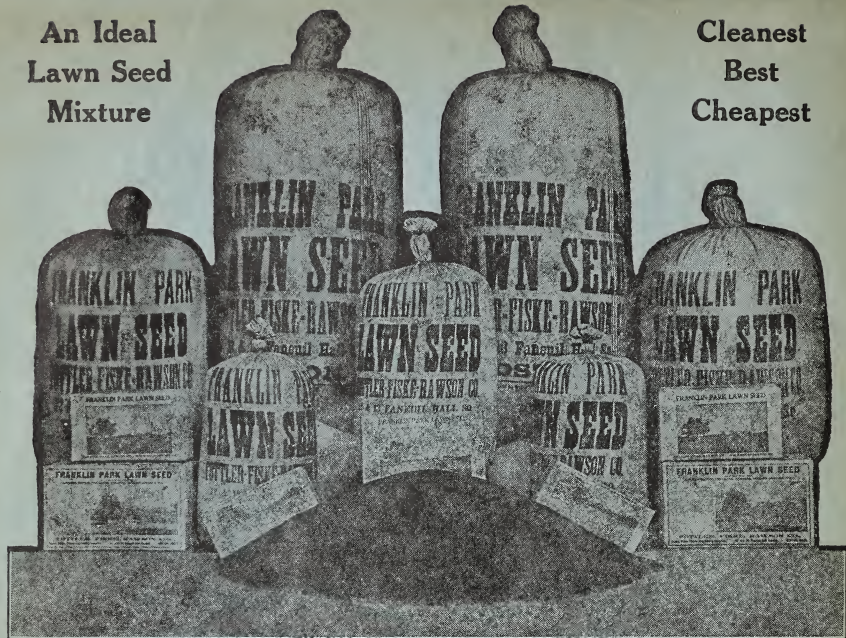


1924

The HOME  
of FRANKLIN PARK LAWN SEED

**An Ideal  
Lawn Seed  
Mixture**

**Cleanest  
Best  
Cheapest**



# FRANKLIN PARK LAWN SEED

TRADE MARK REGISTERED

## THE BEST SEED MAKES BEST LAWNS

Like the frame to a perfect picture, a well kept lawn with thick velvety sod is to the home. It adds the final touch of beauty to the grounds, whether they be large or small. We know of nothing that will enhance the value of any piece of property more than a beautiful stretch of well kept lawn. Make the most of it. The surest way that we know to produce the desired effect is by the use of Franklin Park Lawn Seed.

When one considers that a lawn is a permanent feature of a home it is folly to choose anything but the best lawn seed. We believe Franklin Park Lawn Seed is the best. The saving from using inferior seed will be but a few cents. Insist on the best.

Franklin Park Lawn Seed has been a familiar name to parks, cemeteries, private estates, and home owners for half a century. It is becoming more popular each year. Our customers have come to know that it stands for all that is best in lawn seed. It will produce a beautiful and enduring turf. You don't have to keep off the grass where this seed grows.

Only the finest grades of re-cleaned seeds enter into this mixture of ours. It contains no chaff seed, so that each pound contains the greatest number of live, pure seeds of kinds properly blended. It is sure to give satisfaction. It is the best value at any price. We recommend Franklin Park Lawn Seed to the discriminating buyer.

Quantity required for new lawns: 1 lb. (1 qt.) for 500 sq. ft.; 4 lbs (½ pk.) 2400 sq. ft.; 8 lbs. (1 pk.) 5000 sq. ft.; 32 lbs. (1 bu.) 20,000 sq. ft.; 64 lbs. (2 bu.) one acre.

Prices: ½ lb. 30c., 1 lb. 50c., 4 lbs. \$2.00, 8 lbs. \$7.50, 16 lbs. \$14.00, 100 lbs. \$40.00.

✶ Mailed free only at ½ lb., 1 lb., 2 lb., 4 lb., and 8 lb. prices. Purchaser pays transportation at other prices.



# VEGETABLE SEED SPECIALTIES FOR 1924

We invite your particular attention to these varieties of **Vegetables, Flowers and Dahlias** offered on the following pages. They will be found to be of more than passing interest, for we have new kinds and many improved strains of standard sorts—kinds that are tried and true, with the guesswork as to whether they are adapted to our New England conditions eliminated.

## ASPARAGUS

**MARTHA WASHINGTON.** This remarkable variety has been developed locally by government experts, as nearly rustproof, and has sprung into favor everywhere. We urge lovers of choice Asparagus to try this splendid American strain. Of particular value to commercial growers, for when bunched for market, its appearance is unexcelled and will be selected by discriminating buyers, even at a higher price. Replace part of your old bed with this variety and note its vigorous habit and its large stalks that are so tender and delicious when cooked. **Pkt. 15c., oz. 50c., ¼ lb. \$1.50, 1b. \$5.00. 2 yr. roots only, doz. 50c., 100 \$2.50, 1000 \$18.00.**

## BEANS

**SEMI-DWARF RUNNER BIJOU.** An English introduction that is seldom over 3 ft. in height so that staking is unnecessary. Most prolific, with pods about 6 in. in length and very fleshy. It should prove an excellent Bean for the market as well as for the kitchen garden. You will make no mistake to try this unique novelty.

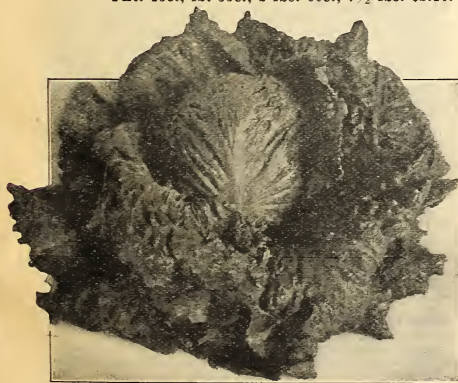
**Original pkts. only, 25c.**

**BOSTON FAVORITE, or GODDARD.** This old standby can be relied upon as a first quality Bean. As its name implies, it is a favorite long, flat-podded variety that can be used as a Snap Bean when young, and for shelling when fully developed. Beautifully striped and splashed with bright crimson, longer, and a bit later than the Dwarf Horticultural. Quality of the best.

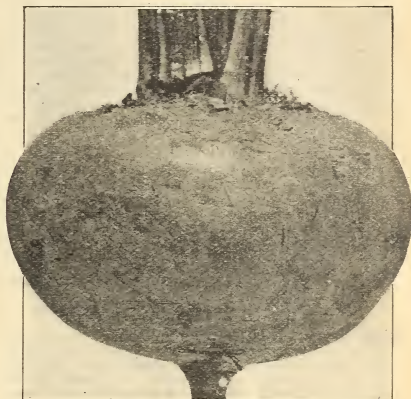
**Pkt. 15c., 1b. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

**CRACKER-JACK WAX.** In this variety we offer an excellent market sort, with unexcelled shipping qualities. The pods are of the best bright yellow, good size, uniformly curved, brittle and with little fiber. They are more nearly round than the better known Wardwell's Kidney Wax and more fleshy. The vines are large and vigorous, bearing a uniformly good crop at the same season as Wardwell's.

**Pkt. 15c., 1b. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**



**Iceberg**—Preferred by many to any other Lettuce



**Crosby's Egyptian**—the peer of all table Beets

## BEEF

**CROSBY'S (Special Strain.)** Where a first early sort is desired, this variety is unequalled. The medium-sized roots, so eagerly sought for, are decidedly attractive in appearance; smooth, free from rootlets, a rich dark red in color, and uniformly round. Its foliage is dark green and sparse. The flesh is a deep blood-red with slightly lighter zonings, and in texture, crisp and free from any tough fiber. When cooked it is sweet and tender.

**Pkt. 15c., oz. 50c., ¼ lb. \$1.50, 1b. \$4.00.**

## CARROT

**HUTCHINSON.** Originated in Massachusetts and grown throughout New England by market gardeners as a box Carrot—it being a money maker for them because of its uniformly large crops that always command the top market prices. Grown by a market gardener who gives careful attention to shape, color and productiveness, it is near to perfection. It attains great length, is nearly cylindrical in shape, tapering slightly to the abrupt stump. The top portion that grows out of the ground takes on a characteristic green color. Not recommended for bunching. Our supply is limited.

**Pkt. 15c., oz. 40c., ¼ lb. \$1.50.**

## CELERY

**GIANT PASCAL.** Arlington grown. Here is a splendid strain of this favorite Winter Celery saved by a careful local grower. It is as near perfection as can be, and we recommend it to all who appreciate quality. Lovers of Celery know the splendid nutty flavor of this sort, whose stalks are of medium height, very thick and somewhat flattened at the base. Remember that it blanches a beautiful yellowish-white and is very solid and crisp, being ready for use at a time when one appreciates really good Celery.

**Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.**

## LETTUCE

**BLACK-SEEDED TENNISBALL.** Our strain of this standard sure-heading variety is superior in every way, and will give such universally good results that we heartily recommend it as a tried and true variety. One of the most popular butterhead Lettuces, and always in demand by market gardeners. The outer leaves are broad and crumpled, of a medium green, while the inner are a rich creamy-white, tender and crisp. Heat resistant to a remarkable degree.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**ICEBERG.** Housewives generally are enthusiastic over this splendid, solid head Lettuce, shipped so freely from California. The plant is large, of a very attractive deep green, with broad leaves that are frilled and decidedly crumpled. The inner leaves blanch beautifully and are exceedingly tender and crisp. Eagerly sought by those appreciating the best quality. It withstands heat extremely well, and on strong soils will produce heads of enormous size. Being larger than most kinds ample room must be allowed for each plant to develop. Much used as a Summer and Fall sort. Our strain is very fine.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

## RADISH

**EARLY SCARLET GLOBE.** Supreme among Radishes, shape, color, and quality considered. Our stock is unexcelled. It is one of the very earliest of the forcing Radishes and does wonderfully well outside. The tops are small, allowing close planting, the roots are a uniform, globe shape of fair size and a bright scarlet in color. The flesh is white, tender and crisp. Favorably known wherever good Radishes are grown.

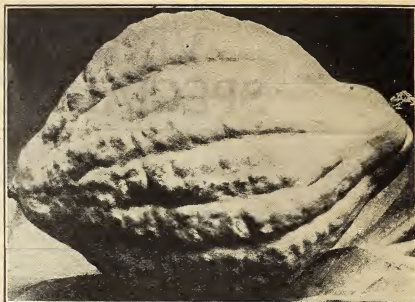
Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## SPINACH

**KING OF DENMARK.** A new Summer Spinach that people who like this health giving "green" should plant. Especially desirable for sowing during April and May. Being a vigorous and rapid grower, it is ready for use practically as early as any, and will remain in good eating condition fully two weeks longer than either Long Season



New Zealand Spinach—A quality green for mid-Summer



Blue Hubbard—Popular because of its many fine qualities

## SPINACH—Continued

or Victoria. The plants are dwarf and stocky with large, rounded, crumpled or blistered leaves extra large in size and of a deep green. Home gardeners will appreciate that now they can grow Spinach and enjoy a delicious vegetable from early Spring through the hot weather, for this new sort fills a long felt want, bridging the gap between the early Spring crop and the time when the New Zealand Spinach is ready.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**NEW ZEALAND.** While not a true Spinach, it is commonly and popularly used as such. It grows luxuriantly during hot, dry weather when other Spinach would be nearly worthless, and continues to furnish nice greens through the Summer and Fall. As the seeds are large and tough coated, it is well to soak them a few hours before planting in rows 2 ft. apart and certainly 12 in. apart in the row. Pick the young leaves that will be found extremely tender and tasty. The large, spreading plants with quantities of side shoots will thrive on any soil, rich or poor, and therefore has a wonderful planting possibility, deserving to be used in every small garden.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

## SQUASH

**BLUE HUBBARD.** The Squash "par excellence" today. A sport from the well known Hubbard, though resembling the Warty Hubbard and excelling it in flavor and dryness. The fruit is gray-blue in color, grows very large and is an exceedingly heavy cropper, being even more productive than any other strain of Hubbard. The shell is extremely hard and keeps splendidly. The meat is thick, fine grained, dry and very sweet. Note its handsome appearance in the accompanying illustration. Produce dealers claim that when cut, the Squashes will remain longer before showing signs of mold than any other kind. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

## TOMATO

**BOUNTIFUL.** This novelty is a tremendous cropper, often producing 25 to 30 fruits in a bunch, all thin-skinned and of a deep scarlet. About eight of these slightly flattened, globe-shaped fruits weight a pound. Very fleshy and containing little seed. Quality of the best.

Original pkts. only, 25c.

**NONSUCH.** This new variety has extremely vigorous habit of growth, with smaller and firmer leaves than most other kinds. It produces from the bottom to the top of the plant, large trusses of smooth, globe-shaped fruits of a medium size and a rich scarlet color. Very early.

Original pkts. only, 25c.



# Flower Seed Novelties and Specialties

## ASTERS

**AMERICAN BEAUTY.** This exceedingly showy and mammoth variety is probably one of the most satisfactory of all early blooming Asters. A strong and rampant grower, producing on long, stiff stems, immense flowers 5 to 6 in. in diameter. A rich, deep rose. **Pkt. 20c.**

**BALL'S NEW MAMMOTH.** A very large new white of the branching type. A grand acquisition. **Pkt. 20c.**

**EARLY BRANCHING DAYBREAK.** Resembling the well-known Daybreak in flower but produced on a branching type of plant, this delicate shade of flesh pink is most artistic in effect and will be greatly appreciated by lovers of beautiful flowers. **Pkt. 25c.**

**HEART OF FRANCE.** The best deep, ruby-red Aster. Its flowers are large and full, with never a trace of hollow center. The plants are of the branching type and very robust in habit. **Pkt. 20c.**

**JUNIOR SNOWDRIFT.** The earliest Aster in cultivation; vigorous and healthy, sending up long stems that are crowned with snowy-white flowers; much larger than any other extra early sort. **Pkt. 20c.**

**LADY ROOSEVELT.** A splendid, midseason variety of a dark brilliant rose. **Pkt. 20c.**

**NEW MORETON PINK.** A new color in Asters, and a most attractive one. A fine pink resembling Daybreak, but deeper, richer and more radiant. The plant is of a branching habit, with large, loosely arranged flowers of the Giant Comet type. **Pkt. 20c.**

**NEW PACIFIC BEAUTY.** A delightful lavender-blue, the Premier of all lavender Asters today. Its petals are narrow, very long and gracefully reflexed. The plants are unusually strong, bearing magnificent large flowers 6 to 8 in. in diameter. **Pkt. 20c.**



Aster, Heart of France

**NEW SILVER PINK.** An exquisitely beautiful type. The heart appears as a warm, glowing rose, while the tips of the petals have a silvery sheen which makes them appear almost white. **Pkt. 20c.**

**NEW YELLOW INSPIRATION.** These magnificent double yellow flowers, 4 and 5 in. in diameter, have their long, broad petals so curled as to present the appearance of a graceful Chrysanthemum. **Pkt. 20c.**

## CANDYTUFT

**SNOWDRIFT.** A new giant white variety with long spikes of pure white flowers. Forces well. **Pkt. 15c.**

## CHEIRANTHUS

**ALLIONII** (Siberian Wallflower). An exceptionally beautiful, early flowering annual with gorgeous yellow blooms. Charming for borders. Blooms throughout the season if the seed pods are removed. Grows 9 to 12 in. **Pkt. 15c.**

## COSMOS

**NEW DOUBLE EXTRA EARLY.** Has become wonderfully popular. Seed sown the latter part of April will bloom by July 4th and continue until killing frost. 3 ft. **Crimson, Pink, White, or Mixed. Pkts. only, 20c.**

**SINGLE EXTRA EARLY.** Its plants grow about 4 ft. high, and come into bloom sixty days from time of sowing, with flowers measuring 4 to 5 in. across. **Crimson, Pink, White, Mixed. ½ oz. 40c., pkt. 10c.**

## DAHLIA

**NEW STARFISH.** A splendid novelty, particularly suitable for cutting. Single flowers, unique in form and coloring. Resembles a starfish in shape and appearance. **Mixed Colors. Pkt. 25c.**

**NOVELTY SEED.** An unusual opportunity for persons with an investigating nature or scientific turn of mind, as well as for the Dahlia enthusiast, to secure seed from rare and choice Dahlias saved by one of our very best Dahlia growers. Remarkable varieties are discovered from just such a source. **Pkts. only, 50c.**



Giant Strawflowers



Petunia, California Fringed and Ruffled Giants

### ANNUAL LARKSPUR

**DOUBLE STOCK-FLOWERED.** The finest long spikes. Invaluable for cutting. Will supply a profusion of blooms all Summer.

Any of the following: Pkt. 10c.  
Bright Rose, Lilac, Pure White, Rosy Scarlet,  
Shell Pink, Dark Blue, Light Violet, Mixed.  
Collection of Six Colors, 50c.

### MORNING GLORY

**NEW DOUBLE.** A showy annual climber. Double flowering and distinct. Does well in any ordinary garden soil, and is of the easiest culture. Try it. Separate seeds only. Pkt. 15c.  
Crimson Beauty, Pink Wonder, Royal Blue.

### PANSY

**MASTODON STRAIN.** Huge in size, marvelous in form and substance, with a wonderful range of color. Unexcelled. It includes many new and unique shades, with a dozen or more variations in each color.

Pkt. 25c,  $\frac{1}{8}$  oz. \$1.75.

**PRESCOTT'S PRIZE.** Grown by a specialist who for years has been selecting seed from the finest European and domestic strains. The colors, varying from white to darkest maroon, leave nothing to be desired. The compact plants bear their huge flowers on splendid, long, stiff stems. It is such a remarkable type that we offer it to our many friends with every confidence that it will please.

Pkt. 25c., 1-16 oz. \$1.25,  $\frac{1}{8}$  oz. \$2.25,  
 $\frac{1}{4}$  oz. \$4.00.

### PETUNIA

**BALCONY PETUNIA.** Remarkably well suited for balcony and porch boxes because of its luxuriant growth and freely branching habit. The plants are literally covered with blooms during the entire season. Popular. Pkt. 25c.

Dark Red, Rose, Velvety Blue, or White.

**CALIFORNIA FRINGED AND RUFFLED GIANTS.** Enormous flowers with beautifully waved and fluted petals in a great variety of colors, many being handsomely veined.

1000 seeds \$1.25, pkt. 35c.

**VIOLACEA (New).** This Petunia is a fine, deep violet shade. Becoming very popular. Height 8-15 in. Pkt. 25c.

### STRAW FLOWER

**HELICHRYSUM MONSTROSUM.** One of the best everlasting, used extensively for Winter bouquets.

Any of the following: Pkt. 10c.,  $\frac{1}{4}$  oz. 35c.  
Fireball Golden Ball Pink  
Purpurea Silver Ball Violet  
Collection of Six Colors, 50c.  
Mixed. Pkt. 10c.,  $\frac{1}{4}$  oz. 30c.

### SWEET PEAS

**THE NOVELTY COLLECTION.** From the many named varieties in our excellent list of Giant Spencers, we shall select twelve that embrace the entire color range, to aid those who find this selection difficult. One regular size packet of each, our selection. \$1.00.

**NEW GIANT SPENCERS.** Pkt. 15c.

**GEORGE SHAWYER.** Giant salmon-rose.

**SINCERITY.** Deep cerise.

**GIANT SPENCER AND ORCHID-FLOWERING MIXTURE.** An unexcelled blend of all varieties.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.75.

### ZINNIAS

**GIANT DOUBLE, MAMMOTH STRAIN.** The old-fashioned type, stiff and prim, with dull and unattractive colorings has been far outstripped in brilliancy and variety of colors by this new strain, which is the finest obtainable. Of enormous size. 3 ft. Pkt. 15c.  
Crimson, Sulphur Yellow, Lavender, Scarlet, Golden Yellow, White, Flesh, Orange, Mixed, Purple, Violet.

Collection of Ten Colors, \$1.25.

**NEW DAHLIA FLOWERED (New).** Flowers of immense size, and like the Decorative Dahlia in form. They appear in many beautiful pastel shades and are a valuable addition to the Zinnia family. Pkt. 25c.

**BUTTERCUP.** An immense creamy yellow.

**CANARY BIRD.** Delicate primrose. Charming.

**CRIMSON MONARCH.** The largest and best red.

**DREAM.** A new shade of deep lavender.

**EXQUISITE.** Light rose; deep center.

**GIANT ATTRACTION.** Brick red, large and fine.

**GOLDEN STATE.** Attractive yellow and orange.

**OLD ROSE.** The real old rose shade. Very large.

**ORIOLE.** A fine bicolor, orange and gold.

**POLAR BEAR.** Pure white, clear and attractive.

Collections—5 colors, \$1.10; 10 colors, \$2.00.



Zinnia, New Dahlia-flowered



# Newer Varieties of Dahlias of Merit

The following list is a careful selection from the hundreds of Dahlias of the most recent introduction. To offer all the varieties in cultivation would be impossible. From our extended experience we have chosen these few, feeling confident that our many friends and Dahlia enthusiasts will enjoy great satisfaction in growing the best. They are all of good color, substance, habit and productiveness. They are excellent cut flower sorts.

With every order we will enclose cultural directions and all orders will be delivered free. As our stock of the following varieties is limited we advise early ordering to avoid possible disappointment. See also pages S5-93.



Rosa Nell



Shudow's Lavender

**AMUN-RA** (The "Sun God" Dahlia) (Decorative). A magnificent sort, whose outer petals are a gorgeous copper and orange, shading to gold and amber, deepening in the large, full center to a rich, dark reddish-bronze—a wonderful coloring. Splendid stems, carrying the flowers well above the foliage. The blooms last for days when cut just before the flower is fully expanded. It must be seen to be fully appreciated. **Each \$3.50.**

**CHAMPAGNE** (Decorative). Without a doubt the largest Dahlia yet produced in California. In color it is a blend of warm Autumn shades varying from a burnished copper tone to a dull golden champagne and chamois. **Each \$5.00.**

**ELDORADO** (Decorative). Picture a dwarf plant with immense golden yellow flowers of great substance, the vivid coloring emphasized by the deeper tones at the base of the petals, and you have this gorgeous variety. A truly wonderful sort, size, stem and coloring of the very best. **Each \$7.50.**

**EMPEROR** (Decorative). Of enormous size, perfect in form, with an extra long, stout stem. It is a maroon of the finest type, the color not spotting under any weather conditions. **Each \$5.00.**

**MEPHISTOPHELES** (Decorative). The most magnificent Dahlia in existence. Color ruby-red, showing golden-yellow points at the ends of most of the petals. The flowers are held erect on strong stems, which add to their beauty. As an exhibition variety it is second to none. A very free bloomer, often growing to a height of 8 ft. Though we cannot fittingly describe this horticultural wonder we can heartily recommend it to all Dahlia lovers. **Each \$5.00.**

**MRS. I. DEVER WARNER** (Decorative). A gem, and universally admired, because of its soft orchid coloring, a shade seldom found in Dahlias. An extremely strong grower, producing its flowers on long, stout stems. Attracts attention wherever seen. **Each \$5.00.**

**PAUL MICHAEL** (Decorative). Sometimes called California Gold, it being a rich, pure golden color. It can be grown to a majestic size for exhibition. Very free bloomer. **Each \$3.00.**

**ROOKWOOD** (Decorative). An entirely new shade of a pure bright cerise—more like the popular Russell Rose than any other flower. Very strong and free. **Each \$3.50.**

**ROSA NELL** (Decorative). This clear bright Tyrian-rose variety is very large—the best medium-priced Dahlia. It is so bright as to immediately attract attention. Note the illustration. **Each \$2.00.**

**SHUDOW'S LAVENDER** (Decorative). No illustration will do this variety justice, for the color is changeable under different lights and at different seasons—a silvery lavender, slightly shading to white. It blooms from early to late without a trace of center showing. Large in size and unique in foliage, which is lace-like and very attractive. **Each \$5.00.**

**THE U. S. A.** (Decorative). All the desirable features of a Dahlia are found in this variety; color, formation and size, all the best. A wonderful deep orange, a color so hard to get in a Dahlia. The formation, too, is so exquisite and novel that to attempt to describe it accurately would be impossible. The immense flowers continue to bloom until frost. **Each \$3.00.**

**WIZARD OF OZ** (Decorative). A California variety of exceptional merit. A wonderful cut flower of a creamy pink, large in size, strong stems. Very beautiful. **Each \$5.00.**

**BANNER COLLECTION**—One each of the above  
12 varieties, \$50.00 postpaid.



## SPECIAL PURPOSE GRASS SEED MIXTURES

### F. F. R. Special Golf Course Mixtures

Considerable knowledge of grasses is necessary to make a well balanced mixture that will produce a strong, permanent turf to withstand the severe use given to golf courses. We have paid particular attention to this, and offer our Golf Course Mixtures of strong growing sorts with creeping root stocks to meet every requirement.

They will equal the mixtures used on the finest courses in the country. We recommend them for laying down new courses or for renovating old ones. For new seeding use from 100 to 150 lbs. per acre and less on old sods according to their individual needs.

In purchasing for Courses with unusual soil conditions, such as extremely low or boggy, high and dry locations, or soil which is very light and sandy, it would be to the buyer's advantage to mention the conditions, so that special attention may be given to the order. See our General List of Grasses, pages 48-51.

### Putting Green Mixture

#### For Ideal and Lasting Greens

This is a very carefully prepared and well-proportioned mixture of deep-rooted, low-growing and fine-bladed grasses that can be depended upon to produce a very thick, tough and velvety turf that will withstand the usual wear and tear. Composed only of seed of the highest quality. Twenty-five pounds of seed will sow 75 ft. square of green on well prepared soil, although it is always well to be very liberal on grounds liable to continuous hard use or under unfavorable conditions. Lb. 60c., 10 lbs. \$5.50, 25 lbs. \$12.00, 50 lbs. \$23.00, 100 lbs. \$40.00.

### Fair Green Mixture

#### A Perfect Mixture for Fairways

Composed of a combination of grasses of a dwarf spreading habit of growth, this mixture is unexcelled for laying out new fairways or for renovating old ones. Very carefully prepared and certain to produce a firm, permanent turf that will withstand severe usage and improve with age if properly cared for. Use 100 to 150 lbs. per acre, according to soil conditions. Lb. 60c., 10 lbs. \$5.50, 25 lbs. \$12.00, 50 lbs. \$23.00, 100 lbs. \$40.00.

### Bank and Terrace Mixture


A splendid mixture of varieties having strong, deep-spreading roots of quick growth that are most effectual in binding loose soils, and thus prevent slopes from being washed out by rains. It will thrive under adverse conditions and produce a fine, smooth, velvety sod of a beautiful rich green. If a paste is made of the seed, liquid manure and soil, and so applied to the prepared slope good results may be assured. One to two pounds per square rod is a fair application of seed. Lb. 50c., 5 lbs. \$2.40, 10 lbs. \$4.00, 25 lbs. \$9.50, 50 lbs. \$18.00, 100 lbs. \$35.00.

### Seashore Mixture

This mixture has been prepared for the adverse conditions usually met with. It will quickly produce a good turf if the lawn is first top-dressed with 3 or 4 inches of good soil through which the roots can reach. The seaside lawn should be watered liberally each evening, and receive an occasional application of pulverized sheep manure during the season to maintain a vigorous growth and a rich, green color. Sow 1 pound to every 250 square feet. Lb. 75c., 10 lbs. \$6.00, 25 lbs. \$14.00, 50 lbs. \$27.00.

### Special Mixtures Made for Special Locations

Many customers have made experiments of their own, and have found that certain varieties of grass will do better than others on their land. We are well aware that we cannot make one mixture answer for all cases, and are pleased to have our friends consult with us regarding varieties suitable for their particular purpose. If it is desired to have certain varieties included in their mixture, we are only too pleased to be of service, for we have, on pages 48-51, a very complete list of fancy varieties of which we always carry a large stock for just such needs. We have facilities for executing all such orders promptly.

 The above mixtures mailed free only at the one pound prices.



# Golf Course and Lawn Necessities



**BAMBOOS**  
18 ft. long, 1 to 1½ in. diameter at the butt, tapering to a point. Splendid for knocking down worm casts, or for flags. Each 50c., doz. \$5.50.

## FERTILIZERS

**Pure Ground Bone.** Rich in phosphoric acid. Safe and sure.  
¼ ton \$14.00, ½ ton \$26.00, ton \$50.00.  
**Canada Unleached Wood Ashes.** A reliable grade containing 3 to 5 per cent. potash.  
¼ ton \$9.50, ½ ton \$18.00, ton \$34.00.  
"Wizard" Sheep Manure. The best, most convenient and most economical natural manure. In demand everywhere.  
¼ ton \$14.00, ½ ton \$26.00, ton \$50.00.

## GRASS CUTTERS

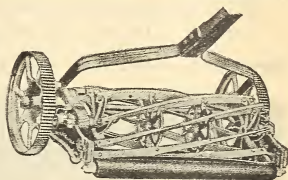
**E. Z. Emptying.** Galvanized bottom, canvas sides and back. Will fit any machine. On and off in a minute. 16 in. fits sizes 12 to 17 in., each \$2.50; 20 in. fits sizes 18 to 20 in. Each \$2.75.

## HOSE

**F. F. R. Co.'s Best Moulded.** A splendid first quality rubber hose of this popular style, built for service, with a high-grade rubber inner tube, reinforced with two firmly braided cotton jackets and a durable ribbed rubber jacket vulcanized on. Combines great flexibility without sacrificing durability or strength. Especially adapted for gardens, stables and greenhouses where it gets hard use. Made specially for us under our own brand and we guarantee every foot. Coupled, ready for use.  
¼ in., 25 ft. \$4.25; 50 ft. \$8.00; ¾ in., 25 ft. \$5.00; 50 ft. \$9.50.

## GOLF MOWER

**Philadelphia.** The mower "par excellence" for putting greens and all fine work. Extra strong construction that will stand up under constant hard use. Self-oiling oil cups run five hours without refilling. Plain bearings. 10-in. wheels, 7½-in. cylinder of 6 blades. Double ratchet. Cuts close and clean. 15 in. \$34.00, 17 in. \$38.00, 19 in. \$42.00. If wanted with 8 blades, add \$1.50 to each size.



Philadelphia "Golf" Mower

## PUTTING GREEN MOWER

"Golf Wonder." (Townsend's). Ball bearing. Designed especially to cut putting greens and other smooth and fine lawns. No wheels to tear up the sod in turning or to leave tracks. The weight of the front part of the machine is carried on a wooden roller, 6½ in. in diameter, at the rear of the cutter bar. Reel 4½ in. diameter, 6 knives, lower knife, laid steel, glass hard. Prices f. o. b. factory. 16 in. \$30.00, 18 in. \$33.00, 20 in. \$36.00; grass cutter complete with elevator and deflector, \$7.00 extra.

## WATER-WEIGHT LAWN ROLLERS

Heavy or light as desired by changing the amount of water. Roller bearings. The rounding edges will not cut into the lawn. None better. Do not allow to freeze when filled. All are in one section.

Diam. No. Inches	Length Inches	Weight Empty	Filled with Water	
3	14	20	50 lbs.	\$18.50
5	23	24	85 lbs.	22.25
7	24	24	110 lbs.	25.75
9	24	32	116 lbs.	28.00

## LAWN SPRINKLERS

**Putting Green.** An ideal park or golf course sprinkler where a copious distribution over a wide area is a necessity. The wide sled can be drawn across the turf without injury to it. Nickel plated, adjustable arms, ¾ in. hose connection. Height 44 in., arms 11 in. Each \$9.00.  
**OIL for Lubricating Lawn Mowers, etc.** ½ pt. 20c., gal. \$1.00



Putting  
Green  
Sprinkler

## RAKES

**Bamboo Litter.** Fan shape, 18 in. spread, light wood handle, 5 ft. over all. Nothing better for removing light litter from greens, gutters and under shade trees. Each \$1.75, doz. \$18.00.

## WATER TRUCK AND HAND CART COMBINATION

See also page 139. Adapted to a wide variety of purposes, as the units are detachable and readily adjustable. Barrels with a pair of trunnions attached can be instantly picked up by merely raising and lowering the truck handles. The weight being evenly balanced over the axle no tedious lifting or down pressure is necessary during transportation. Barrel sprayers can also be moved safely. With the box attached it will be converted into a handy dumping cart. The leaf rack is especially convenient for carrying leaves and other litter.

**Barrel**..... \$8.00  
**Box, measuring about 37x23x8 in.**..... 6.50  
**Leaf Rack, capacity about 15 bushels.**..... 12.00

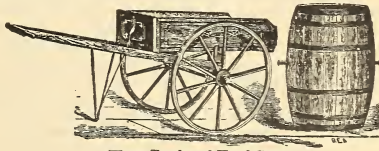
Truck with one pair of trunnions, wheels about 30 in. diameter, 2 in. tires, width over all about 40 in., length over all about 70 in. "Man size"..... \$16.50  
Extra trunnions, per pair..... 1.00

## WEED KILLERS

**Climax Lawn Sand.** Endorsed by users everywhere. Kills weeds without harming grass by absorbing their sap. A leaflet, giving in detail the merits of this wonderful weed eradicator, explicit directions for its use and testimonials free on request. 3½ lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.

## WEED EXTERMINATOR

"Herbicide." The original chemical weed killer especially valuable for destroying vegetation of all kinds, particularly in roadways, paths, gutters, and tennis courts. Dilute liquid with 40 parts of water. Qt. 70c., gal. \$2.00, 5 gals. \$8.00



Water Truck and Hand Cart

## SHADY SPOT LAWN SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places where it seems as though nothing can be grown; some are shaded by large trees and others by buildings. For these locations we recommend our **Shady Spot Lawn Seed**.

It is always advisable for those who are seeding down the shady places to supply new soil, if possible, especially if large trees are producing the shade, as their roots spread so fast as to exhaust the nourishment in the soil. When unable to supply new soil, the ground should be well dug over, and if tree roots predominate, these should be taken out. In most shady places the soil has a tendency to be sour, and we strongly recommend the use of land lime (about 50 lbs. per 1000 sq. ft.).

This special mixture for shady locations is selected from the best grasses possible to obtain for this purpose, and only those that grow and flourish under shady conditions in their natural and wild state are used. Ordinary lawn grass might grow for a short time, but as a general rule it will last but a short while and then make a poor showing.

**Shady Spot Lawn Seed** if sown in these places will undoubtedly grow and produce the best results.

PRICES:  $\frac{1}{4}$  lb. 20c.,  $\frac{1}{2}$  lb. 30c., 1 lb. 50c., 2 lbs. \$1.00, 10 lbs. \$4.00, 25 lbs. \$9.50, 50 lbs. \$18.00, 100 lbs. \$35.00.

☛ Mailed free only at  $\frac{1}{4}$  lb.,  $\frac{1}{2}$  lb., 1 lb., and 2 lbs., prices. ☛ Purchaser pays transportation at other prices.



## Use Climax Lawn Sand for Weedy Lawns

This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. It acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application.

A leaflet, giving in detail all the merits of this wonderful weed eradicator, explicit directions for use and testimonials from every part of this country, will be gladly mailed free to any applicant.

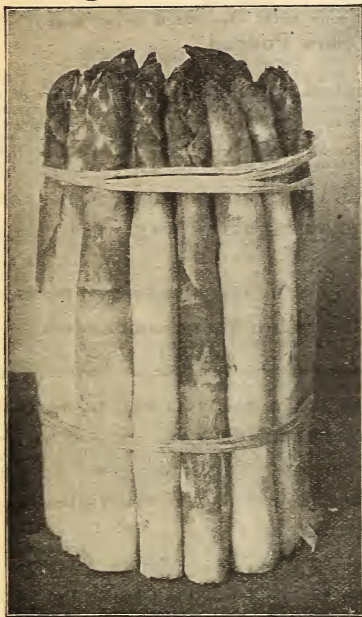
**When to Apply.** Select a bright day when the weather seems settled for at least 24 hours. The weeds should be exposed to the direct rays of the sun for three or four hours after application. Stubborn weeds like Plantain, Dandelion and Dock should have a pinch applied directly to the crown of each.

$3\frac{1}{2}$  lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00. Postage extra.





# Highest Grade Vegetable Seeds



Asparagus

## Asparagus Roots

180 roots will set a bed 12 x 35 ft.

	Doz.	100	1000
MARTHA WASHINGTON. New.			
2-year roots only.....	\$0.50	\$2.50	\$18.00
CONOVER'S COLOSSAL.			
2-year roots only.....	.40	1.50	12.00
GIANT ARGENTEUIL.			
2-year.....	.40	1.50	12.00
PALMETTO. 2-year.....	.40	1.50	12.00
READING GIANT. 2-year.....	.40	1.75	15.00
3-year.....	.50	2.50	18.00

Asparagus Knife



- The best knife for cutting Asparagus. Each 40c.  
**BUNCHES.** Without knife. Makes bunches 3 to 3½ in. in diameter. \$4.00.  
**RAFFIA.** Soft and pliable. Very strong. Lb. 25c., 5 lbs. \$1.00.  
**TAPE.** Many gardeners are using this to add materially to the appearance of their product, which always commands a higher price in the best markets. Red or blue, per spool of 1000 yards, \$4.00.

The growing and marketing of the enormous quantities of seed required to produce the food for the one hundred million people in these United States of ours is a tremendous problem. Today the two ends of the business are to a large extent entirely separate and confined to specialists. We make no claim to produce all the seeds we offer for sale, but there are many strains the stock seed of which we control and take pride in offering to the public as being especially desirable. The balance of our list is purchased from experts in their particular line, men who we have learned by our years of experience are reliable. Thus it is that we can assure our friends that our seeds are the "Highest Grade" in accord with our policy. We offer our services, confident that, by means of the constantly improving parcel post system, we can bring the best the world affords to your very door, and we respectfully solicit your patronage.

## Asparagus

One ounce will sow about 50 feet of drill.

**CULTURE**—Asparagus roots may be purchased in the Spring, or may be grown from seed sown in April or May, in good soil, in drills 12 to 14 inches apart. The permanent bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly 2 feet. The Asparagus roots (either one or two years old) are to be transplanted into this bed, setting them in rows 3 or 4 feet apart, leaving about 18 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction, to keep the roots from running together. Cover lightly at first, gradually filling the trenches as the plants begin to start; the crowns of the roots should be about six inches below the level of the bed. Avoid location near trees, particularly large trees, or their roots will soon take possession of the ground.

**CONOVER'S COLOSSAL.** A well known variety of large size; tender and of good quality.

Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. \$1.00.

**EARLY GIANT ARGENTEUIL.** A very popular French variety that has thus far been free from rust: valuable on account of its earliness. The stalks grow to manumoth size, sometimes weighing as much as four ounces.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

**PALMETTO.** A good cropper of a light green. Large, tender and desirable.

Pkt. 10c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

**READING GIANT.** Early, large, and vigorous in growth. Flavor delicious.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

## Artichoke

**CULTURE**—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

**GIANT GREEN GLOBE.** Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish.

Pkt. 15c., ½ oz. 50c., oz. \$1.00.

**JERUSALEM ARTICHOKE.** Sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock.  
 Tubers, postpaid..... lb. 35c., 3 lbs. \$1.00.  
 By freight or express..... pk. \$2.00, bus. \$6.00.



# DWARF, or BUSH BEANS

Two pounds sufficient for 100 feet of drill.

By Parcel Post add postage at zone rates (see third cover page.)

## Wax, or Yellow Podded

It will pay to inoculate this crop with *Mulford Cultures*. See page 144.



Bean, Wardwell's Kidney Wax

**CRACKER-JACK WAX.** An excellent market variety, with good shipping qualities. Of good size and color. Pods more round and fleshy than the well-known Wardwell's, which it resembles in habit of growth. Seed yellow.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**CURRIE'S RUST-PROOF BLACK WAX.** A superior variety for markets, of excellent flavor. Pods large, yellow, rust-proof, straight, long and flat.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**DAVIS KIDNEY WAX.** An excellent bean, which should be picked just before coming to maturity. It is one of the rust-proof sorts with long, well shaped, flat wax pods. Seed is kidney-shaped and white.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**GOLDEN WAX.** The most tender of all market sorts and one of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Oval when dry, white, more or less colored with shades of purplish red.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**GOLDEN-EYED WAX.** Clear, golden wax pods of good size, free from rust and an excellent keeper. Beans white, with golden eye.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**HODSON WAX.** One of the most prolific of all the wax beans. The pods are straight and average about seven inches in length; color, clear light yellow. Vines are very vigorous and well filled with pods that are entirely free from rust and blight. Matures about ten days later than Wardwell's Kidney Wax.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**IMPROVED GOLDEN WAX.** Closely resembles Golden Wax, but shorter, straight and flat. Dry beans more white than the Golden Wax, but mottled dark.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**KEENEY'S RUSTLESS GOLDEN WAX.** A superior market garden sort. Large, flat golden yellow and very fleshy pod. It has an excellent flavor and is less liable to be stringy than any other rust-proof beans.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**PROLIFIC BLACK WAX.** One of the best for a home garden, perfectly stringless, and of excellent flavor. Pods medium size, round and of a clear, waxy white color. Seed is black.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**REFUGEE WAX.** Superior for home use. Pods long, round and thick meat, perfectly stringless and of excellent flavor. Midseason. Dry beans are mottled dark drab.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.

**ROUND POD KIDNEY WAX.** Excellent for the market gardener where a round pod is the more salable. Also one of the most popular for home use. Vines are very large, strong and vigorous, bearing long, straight wax-like pods of large size and of the highest quality. Dry beans are large, kidney-shaped, white, dark-marked about the eye. Early.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**SURE CROP STRINGLESS WAX.** A splendid sort for either home use or market garden. It is a dwarf-growing variety; strong, vigorous vines, producing early, rich yellow pods of extra size, measuring seven to seven and one-half inches long, more than one-half inch wide and nearly one-half inch thick, and of excellent quality. But this is not all. It is one of the most prolific bush beans, producing beautiful, rich yellow pods which sell at sight and taste like more. It is early, hardy, stringless, rust-proof, finest quality; exceedingly prolific.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**WARDWELL'S KIDNEY WAX.** One of the most popular Beans in this vicinity, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Brittle and fine grained. Dry beans are large, kidney-shaped, white, dark-marked about the eye.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.



# DWARF, or BUSH BEANS

## Green Podded, String or Snap Beans

Two pounds sufficient for 100 feet of drill.

By Parcel Post add postage at zone rates (see third cover page.)

**BLACK VALENTINE.** A great improvement over the Red Valentine, as the pods are nearly one-third larger; perfectly round, although not quite **Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.** as early; very prolific. Seed black.

**BOUNTIFUL.** For the market gardener this is one of the popular varieties. Pods are medium size, green and flat; the best of the flat podded stringless sorts. Dry Beans are yellowish brown color.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

**FULL MEASURE.** Prolific and early, with long, straight and handsome pods that are meaty and of high quality; very thick, flat or almost a semi-round.

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

**IMPROVED EARLY RED VALENTINE.** One of the best extra earlies for home use or market. Usually ready for harvesting from thirty-five to forty days after planting. A fine variety for mid-Summer sowing to ripen in September. Vines strong and vigorous; pods of medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry Beans medium size, long, irregular, pink, marbled with red.

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

**LONGYELLOW.** Remarkably early and of excellent flavor. The pods are about six and one-half inches long, pale green in color, straight and round. Very productive. Beans are small, mottled dark red.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

**LONG YELLOW SIX-WEEKS.** Extra early, with long pods, straight and quite thick, very productive and good quality. Beans long, kidney-shaped and yellowish brown.

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

**LOW'S CHAMPION or DWARF RED CRANBERRY.** An excellent shell or string Bean. One of our best for market gardeners or for the home garden. It is abundantly productive, a vigorous grower, and keeps the pods well off the ground, preventing them from molding or blighting. Dry Bean beautiful, bright red color.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

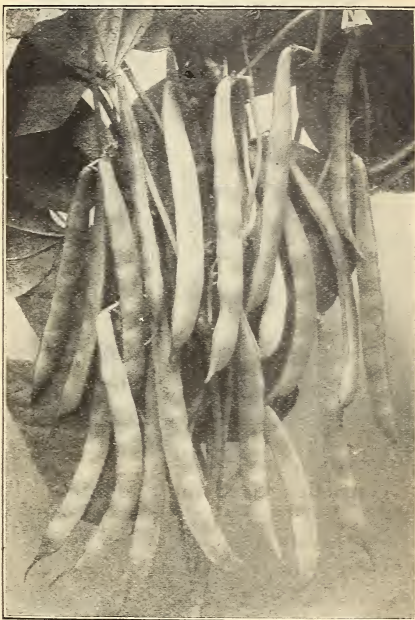
**REFUGEE or 1000 TO 1.** One of the best for late Fall planting. An excellent snap Bean used especially for late planting for pickles. Pods are of medium length, round and light green and of good quality.

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

## English Broad Bean

**BROAD WINDSOR.** An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry Beans very large and yellowish green.

**Pkt. 25c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50.**



Green-Podded Bean. Bountiful

**STRINGLESS GREEN POD.** Valuable for home garden or for market. It is extremely early and is absolutely stringless, which makes it one of our best extra early sorts. Wonderfully productive, bearing pods of handsome appearance and finest quality. Pods are 5 inches long, round, dark green strictly stringless and tender.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

**STRINGLESS GREEN POD (Giant Strain).** The same description will answer for this, only the pods are longer and lighter in color. It is also very early. By repeated plantings during the season, pods may be had in constant succession from early Summer till killed by frost.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

## Forcing Bean

**CARTER'S MAGPIE.** A remarkably fine Dwarf French Bean, which has attracted much favorable attention. As re-selected it has become good here in all seasons, producing heavy crops when other varieties are damaged or fail. It is also an excellent forcer. Pods long and large.

**Pkt. 25c., lb. 65c., 2 lbs. \$1.25.**



Bean, Stringless Green-Pod

**BEANS, GREEN-PODDED—Continued**

### Varieties Used for Shelling

**BOSTON FAVORITE or GODDARD.** Pods and beans larger and longer than the Dwarf Horticultural. Vines are large and the flat pods are green when young, but as they mature are beautifully striped with crimson. Dry beans are long, nearly covered with splashes of bright red.

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.10.**

**DWARF RED CRANBERRY.** See Low's Champion, page 11.

**DWARF HORTICULTURAL or SPECKLED CRANBERRY.** It is undoubtedly the best variety for use as a shell bean. Vines compact, upright, with large leaves and very productive. Pods are green when young, but when beans become fit for use are beautifully striped with splashes of bright red on a yellowish ground. Dry beans large, oval nearly covered with splashes of bright red.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**

**DWARF FRENCH HORTICULTURAL.** This is a bean of the Horticultural or Speckled Cranberry type which has been grown for a number of years in certain localities in the vicinity of Boston. The vines are compact and of upright growth; sometimes inclined to send out runners but do not climb; the runners are not sufficient to affect the bean in any way. When fit to use are beautifully striped with splashes of bright crimson on a somewhat yellowish ground. Its extremely bright color makes the bean very attractive in the market and it sells usually for 25c. or 50c. more than the ordinary Dwarf Horticultural. The dry beans are large, oval and nearly covered with splashes of bright red.

**Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.75.**

### Baking Varieties

**Pkt. 15c., lb. 35c., 2 lbs. 60c., 7½ lbs. \$2.25.**

**RED KIDNEY.** Large red kidney-shaped beans of excellent quality. The old-fashioned baking Bean.

**WHITE PEA.** The popular baking bean of New England. Dry beans are small, white and round.

**YELLOW EYE IMPROVED.** Excellent.

### Dwarf Lima Beans

**BURPEE'S IMPROVED BUSH.** *Earliest, largest and the best of all.* The sturdy bushes are loaded with pods that are truly enormous in size. The luscious, green beans are larger than any Limas ever known before. It is fully eight to ten days earlier than other large Limas. Will outyield Burpee's Bush Lima by fully one-third as the pods are very much larger, while the beans either green or dry are nearly twice as thick. Even when of full size are of most luscious flavor.

**Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.65.**

**DREER'S BUSH.** It grows vigorously eighteen to twenty-four inches high. The thick seeded beans are equally productive with Burpee's but a week later. High quality.

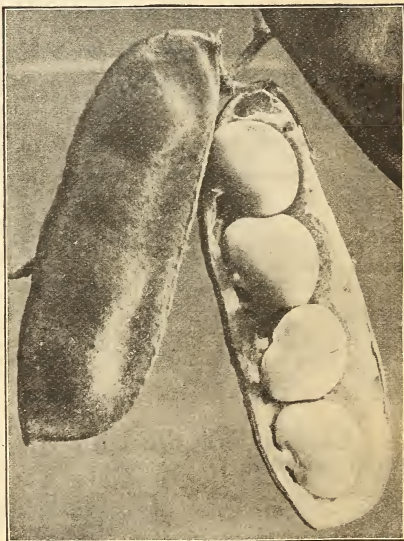
**Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.65.**

**FORDHOOK BUSH.** This excellent Lima is of uniformly erect branching habit. It bears tremendous crops and pods freely even in a cool, wet season. These plump, well-filled pods are twice as large as those of the Dreer Bush Lima, and beans are also twice as large.

**Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.65.**

**HENDERSON'S BUSH.** Exceedingly productive, bearing continuously until killed by the frost. Its greatest merit lies in its extreme earliness as it comes two or three weeks earlier than any other Lima, although somewhat smaller.

**Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.**



Dreer's Bush Lima



## POLE BEANS

By Parcel Post add postage at zone rates (see third cover page).

**ARLINGTON RED CRANBERRY.** Always tender and crisp; the market gardener's favorite. One of the best green-podded snap beans. Dry beans are a beautiful bright red, large and of the finest flavor, green or dry.

Pkt. 15c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**GOLDEN CLUSTER.** Early golden yellow pods, thick and fleshy. Pkt. 15c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**HORTICULTURAL or SPECKLED CRANBERRY.** Medium size, pale green pods, streaked with red. Splendid for shelling.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**IMPROVED KENTUCKY WONDER.** (Old Homestead.) Excellent flavor and enormously productive. About ten days earlier than any other green-pod sort. Pods entirely stringless and of a silver green color. Beans are rather small, oblong and of a yellowish brown color.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

**KENTUCKY WONDER WAX.** (Pods are yellow.) The vine and pods are similar to those of the Kentucky Wonder, but the quality is far superior in every way. A very prolific sort. The beans are so fleshy that the pods are even thicker than they are wide. They have a delicious, rich flavor.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$3.00.

**SCARLET RUNNER.** Usually cultivated for the beauty of its scarlet flowers. Pkt. 15c., lb. 40c., 2 lbs. 75c.

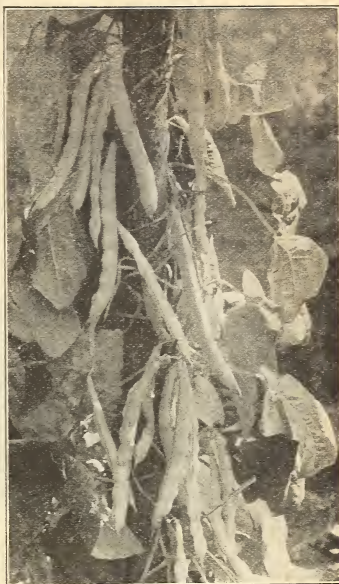
**WHITE RUNNER.** White flowers.

Pkt. 15c., lb. 40c., 2 lbs. 75c.

**WORCESTER POLE.** For the market gardener the best Pole Bean in cultivation. Pods are very large, exceedingly bright and hang in clusters. As a shell bean it is unequalled for tenderness. Dry beans splashed bright red.

Crop failed.

**YARD LONG.** In favorable locations it will produce slender, round pods, which average two feet or more in length, having the thickness of a lead pencil. Packages only, 25c. each.



Improved Kentucky Wonder

## Pole Lima Beans

**CARPINTERIA POLE.** A very fine, vigorous, strong growing Lima. It is very productive, and the beans, usually four to the pod, are much larger and thicker than ordinary sorts. The seed retains its distinctively green tinge, an indication of good quality.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.75.

**DREER'S IMPROVED.** An abundance of large, thick pods are produced on vigorous vines. Beans of medium size, very thick and light green. Excellent flavor though late.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.75.

**EXTRA EARLY JERSEY.** Very productive and of fine quality. It is especially valuable for districts where the season is too short to produce larger ones as it is from 10 to 15 days earlier than any other pole Limas.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.75.

**KING OF THE GARDEN.** Stronger and more productive than any of the other large white Limas and is a favorite with the market gardeners on account of its large pods. If only two vines are left growing on a pole it will come into bearing sooner and make large pods.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.75.

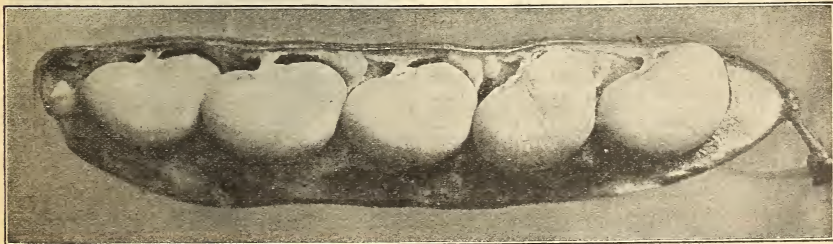
**SIEVA, or SMALL LIMA.** Popular small-seeded variety of quick growth and early maturity. A very productive variety.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.25.

## CEDAR BEAN POLES

Extra Heavy Quality

Per doz. \$1.50, per 100, \$10.00.



Pole Lima, King of the Garden



# BEETS



Culture.—Sow in rows twelve to fifteen inches apart, thin out to four inches in row; plant seeds about one-half inch deep as early as ground can be worked. For late crop plant up to end of July. Beets like a deep, rich, sandy loam.

One ounce will sow 50 feet of drill; six to eight pounds to an acre.



Beet, Crosby's Improved Egyptian

**DETROIT DARK RED.** Color of skin very dark red; small tops. Roots mature very evenly in size and shape, also color. *One of the best of all varieties for market.*

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**DARK RED EGYPTIAN.** Very early, deep red, almost flat variety.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**EARLY WONDER.** One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late Fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. We urge that you give it a careful trial.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

## Grown for the Leaves Only

**SWISS CHARD.** Sometimes called Sea Kale Beet. After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious. Is cultivated for its leaf stalks which is served like Asparagus or Spinach, by using the outer leaves.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**SWISS CHARD LUCULLUS.** A new moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for Asparagus during the Summer months.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.



Edmand's Beet

**ARLINGTON FAVORITE.** A favorite with the market gardeners as a second early; small foliage; flesh deep red color. An improved sort, turnip shape, excellent flavor. Ready for use almost as quickly as the early sorts and of better quality, which is retained until the roots have reached full size. *One of the most popular varieties.*

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**BOSTON MARKET.** The largest extra early blood turnip Beet. Runs uniform in shape with a small tap root. Excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**CROSBY'S IMPROVED EGYPTIAN.** This is the best extra early variety grown for this market. Has a small top, excellent form and a small tap root. In every way a great improvement over the old variety of Egyptian Beet. It was improved by the late Josiah Crosby of Arlington, Mass. Our stock is selected as to *trueness of shape and color.*

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**CROSBY'S IMPROVED EGYPTIAN.** (Special Market Gardener's Strain.) Selected with the greatest of care as to color, shape and earliness. We have only a limited amount of seed of this particular selection.

Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**EDMAND'S.** For late planting the best dark blood Beet. It is a thoroughly fixed, uniform type; flesh deep red in color, exceedingly sweet and tender. Has a small top and single tap root which recommends it to the market gardener's attention.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**EDMAND'S.** (Special Market Gardener's Strain.) Special care is taken in the selection of the roots saved for seed. Valuable to all growing for the market.

Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.



# BEETS, or MANGEL-WURZEL

For Feeding Cattle and Poultry

Six pounds of seed will sow one acre.

**CULTURE.**—Sow in drills about two feet apart, thin out to nine to twelve inches in row. The long varieties are best suited to a deep soil, and globe sorts succeed better than the long sorts on sandy soil.

Oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c., 10 lbs. or over 50c., lb.

**Gate Post** Originated in England. Is one of the largest and most useful of the Mangels, roots often weighing forty pounds and over.

**Mammoth Long Red** The Mammoth Long Red Mangel has been used in New England for many years, and its worth is still acknowledged by all who grow Mangels. As its name implies, the roots are of enormous size, very regular in form, with exceedingly small tops. Skin is a bright, dark red. The roots grow from one-half to two-thirds out of the ground, sometimes to a length of two feet. The Mammoth Long Red will produce the largest tonnage to the acre.

**GIANT YELLOW INTERMEDIATE MANGEL.** Grows more than half above the ground and of a rust-yellow color, with thick neck, large leaves with green stems, and very smooth and fine skin. Flesh is white, firm and sweet.

## Sugar Beet

Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

**Giant Half-Long Rose** A variety very similar in habit and growth to the Giant Feeding Sugar Beet except in color. The color of the skin above the ground is bright rose and white below. The flesh is white, sometimes tinged rose.

**Klein Wanzleben** This variety is cultivated on a larger scale than any other Sugar Beet. Root is conical, straight and even, large at top and rapidly tapering. Not as large as some of the other sorts, but contains the largest percentage of saccharine matter.

**RED GLOBE.** A large, red, oval variety producing a larger crop on shallow soil than the Mammoth Long Red. An excellent keeping sort.

**Danish Sludstrup** The Danish Sludstrup Mangel is considered in Denmark as the best of all Mangels, after having been awarded a first-class certificate offered by the Danish Government. It is of a distinct type, long, and of reddish-yellow color, very hardy, which grows well above the ground, and is easily harvested. A variety which contains a very large percentage of nutriment.

**Mammoth Golden Giant** A very large variety, and remarkably even in shape, and of vigorous growth. The flesh is white, sweet and firm, with a fine neck and smooth skin, and a sort quite attractive to cattle. Noted for its excellent keeping qualities.

**Giant Half-Long White** This grand Sugar Beet, which gives nearly as large a yield as a crop of Mangels, supplies a much higher nutritive food value. The yield under favorable conditions is more than any other Sugar Beet, compared with its highly nutritive value. The roots grow partly out of the ground, and on account of this, as well as their shape, the crops can be harvested and stored at less expense than most any other root crop.

## Brussels Sprouts

**CULTURE.**—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seeds should be sown about the middle of May, in a seed bed, and the plants afterward set in rows two feet or more apart and cultivated like Cabbage.

**Danish Giant.** A small-leaved, tall-growing variety of this desirable vegetable, and very productive, which through careful selection has been brought to perfection. Grows freely during the Summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts.

Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Long Island Improved.** An American variety thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and more free from aphid and mildew. Very large, extremely popular, excellent quality.

Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

## Broccoli

One ounce will produce about 2000 plants.

**CULTURE.**—Sow in hotbed in April or May for early crop; transplant in May or June in rows three or four feet apart and two feet apart in row. Sow in June for late crop in hills or beds; cover seed about one-half inch. When heads are formed tie leaves up over head to blanch; deep soil is wanted for success.

**White Cape.** Very white, sure to head.

Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

## Cardoon

**CULTURE.**—Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground three feet apart and one foot in row. The roots remain from year to year.

**Large Smooth.** Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.



Brussels Sprouts, Long Island Improved

## Agricultural Land Limestone

Onions and Beets require lime on acid soils. From one to four tons of ground limestone should be used per acre, depending on the degree of acidity. Ground limestone is the safest form of lime to use and being ground very finely it readily becomes available. 10 lbs. 25c., 100 lbs. \$1.25,  $\frac{1}{4}$  ton \$5.50,  $\frac{1}{2}$  ton \$9.75, ton \$17.50, in cloth bags, the only way to handle it we find.



# CABBAGE

CABBAGE PLANTS. See page 43.

*One ounce will produce about 2,000 plants. One-quarter pound of seed in beds will produce plants for one acre.*

**CULTURE.**—Start your early crop in hotbed middle of February, covering seed about one-half inch; transplant to coldframes soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

## Early Summer Varieties

**CHARLESTON WAKEFIELD.** A favorite with the market gardeners. With pointed heads like Early Jersey Wakefield, but much larger. Matures early as early. Very uniform in shape and very desirable.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**COPENHAGEN MARKET.** The earliest large, round-heading variety. Because of its many fine qualities it has come into very general use as a first early sort. The plants are short stemmed, with heads averaging 8 to 10 lbs., remarkably uniform and solid to the core. The leaves being few and tightly folded will permit as close planting as with the Charleston Wakefield, with which it compares in earliness. Be sure to try it this season.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**EARLY JERSEY WAKEFIELD.** Extremely early and a first class conical heading sort. Very compact and medium size, and a sure header. Extra selected stock.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**EARLY SPRING.** An extra early round-head variety, maturing with the Wakefields. Heads are uniform and remarkably solid, even when small, and have few outside leaves.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**EARLY SUMMER, HENDERSON'S.** One of the best second early varieties, coming about ten days after the Early Jersey Wakefield. Heads medium size, solid, flat and good quality.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**EXPRESS, EXTRA EARLY.** The earliest variety grown, but does not have as hard a head as the later varieties. Leaves grow compactly together, which allows close planting.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.00.**



Cabbage, Copenhagen Market

**WINNIGSTADT, EARLY.** Heads are very regular, conical, solid and a good keeper. Excellent for general use, being a sure header.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.00.**

## Savoy or Curled Leaf Varieties

Characterized by dark green heavily crimped, curled, or savoyed leaves. The flavor is far superior to other sorts, especially after being touched by frost. In demand as a Winter cabbage.

**SAVOY, GLOBE-CURLED.** The hardest heading and most satisfactory sort for home or market. Excellent quality and a sure header.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**  
**SAVOY, GLOBE-CURLED.** (Special market gardener's strain.) A selected strain; seed is grown in Winchester, Mass., from a market gardener's private stock.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

## Chinese or Celery Cabbage

*One ounce will sow 300 feet of drill.*

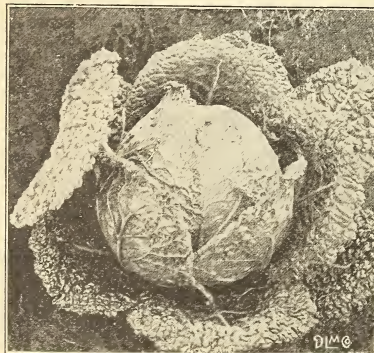
**CULTURE.**—Distinctly a Fall crop so do not sow earlier than mid-July in the open. Have the rows 2½ ft. apart and thin when up to 18 in. apart in the row.

**PE-TSAI.** A popular salad vegetable belonging to the Cabbage family, though strongly resembling Cos Lettuce. Very common in high class markets, where its light green, solid crimped heads, with almost white, thick mid-ribs, present an appetizing appearance. Should be included with every seed order and planted in every garden. Delicious as a salad or cold slaw; more delicate in flavor and more tender than Cabbage.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

## CABBAGE WORMS

**SLUG SHOT** used freely will control these pests. Safe, cheap and efficient. What more can be desired? Lb. carton, sifter top, **25c.**, 5 lbs. **60c.**, 25 lbs. **\$3.00**, not postpaid.



Cabbage, Globe-Curled Savoy





Cabbage, Stone Mason—Warren's strain

**CABBAGE—Continued****Fall and Early Winter Varieties**

**ALL-HEAD.** One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**ALL SEASONS.** A very early variety with large deep heads. Equally good as early or Fall Cabbage. Quality of the best.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**CAPE ELIZABETH** (Portland). A valuable late Drumhead variety; excellent keeper.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**FOTTLER'S BRUNSWICK.** The best for early Fall use; considered second to none by the market gardeners. Plants are very short stemmed; large, very compact leaves. Heads are large, flat, solid and of fine quality.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.

**SUCCESSION.** Very similar to the All Seasons. It is an excellent round heading variety, and very much in demand.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**SURE HEAD.** The heads are uniform in size and very hard and firm, weighing from ten to fifteen pounds each. Is of the flat Dutch type.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**VOLGA.** Its uniform heads, short stems and sparse foliage are its best recommendations for the market gardener. It is excellent for medium early or late Fall use. Splendid keeper.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**Red Cabbage**

**BLOOD-RED ERFURT.** Small, nearly round and very hard heads of exceedingly deep color. One of the best keepers.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.10.

**LARGE RED DRUMHEAD.** Heads are large, round, very solid and deep red color. We know of none superior to our strain of large Red Drumhead.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**MAMMOTH RED ROCK.** Always deep red and extremely solid. Average weight about ten pounds each.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.10.

**Late Fall and Winter Varieties**

**DANISH ROUND HEAD.** Round, or ball-shaped heads, from six to eight inches in diameter, of great solidity and intensely deep green color. The growth of plant is strong and very compact. The coloring, remarkable hardness and size of heads make it an excellent market type as well as most desirable for home use, slicing for slaw, salads, etc.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**EMPEROR or DANISH BALL HEAD.** Remarkable for its hard heading feature, the heads when ready for market being fully one-quarter heavier than any other variety of similar size. The weight recommends it to the market gardeners as a money maker. One of the best for shipping.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**MARBLEHEAD MAMMOTH.** Should be set from 3½ to 4 feet each way. The heads often grow to weigh sixty pounds each. The largest variety of the Drumheads.

Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00.

**PREMIUM FLAT DUTCH.** Heads large, solid, broad and flat on top. Excellent Winter variety.

Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00.

**STONE MASON.** The best for a main crop. An excellent strain of this popular Winter Cabbage, grown by one of our most reliable seed growers.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.

**STONE MASON, WARREN'S STRAIN.** The most popular variety for market gardeners. As the main crop for Winter storage it is unequaled. Plants medium in size with only a moderate number of leaves. Heads are large, round or slightly flattened; very solid and crisp; exceedingly fine flavor. Especially selected and grown for us from a market gardener's private stock of the true David Warren strain.

Pkt. 15c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.00.

When your Cabbage plants are a foot high, dissolve one ounce of nitrate of soda in two gallons of water, and apply around them. The results will surprise you.



Cabbage, Danish Round Head



# CARROTS

*One ounce will sow 100 feet of drill; three to four pounds required for acre.*

**CULTURE**—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above; but cover seed a little deeper, as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

**Plant Carrots and eat more of them. They aid digestion**

**CHANTENAY, HALF-LONG.** A most excellent, half-long variety, of the best quality for the market and home garden. Its great productiveness and the ease with which it can be harvested make it very desirable as a field sort. The tops are medium sized, with small neck. The mature roots are smooth, thick,  $5\frac{1}{2}$  to 6 in. in length, uniformly half-long or stump rooted, but tapering slightly. Deep orange-red in color. The flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any. Extensively used for bunching.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.**

**DANVERS HALF-LONG IMPROVED (Stump Root).** The best for a general crop. A large yielder, the most profitable for market gardeners. Roots, orange in color, half-long, tapering uniformly to a blunt tip, smooth and attractive. Being only 6 to 8 in. long, they are more easily harvested than longer sorts, yet often produce as large a bulk. The tops are of medium size. Although originated in Danvers, Mass., where the raising of Carrots is a specialty, it is now popular everywhere and grown largely as a second early by the home gardeners, market gardeners and stock raisers. Great care has been taken in the selection of the roots to be grown for this strain of seed.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.**

**EARLY SCARLET HORN (Stump Root).** One of the best early forcing varieties, it being used principally for forcing and extra early planting. It is very fine grained, and of excellent flavor as a table Carrot. Grows well in shallow soil, being a short variety with small top.

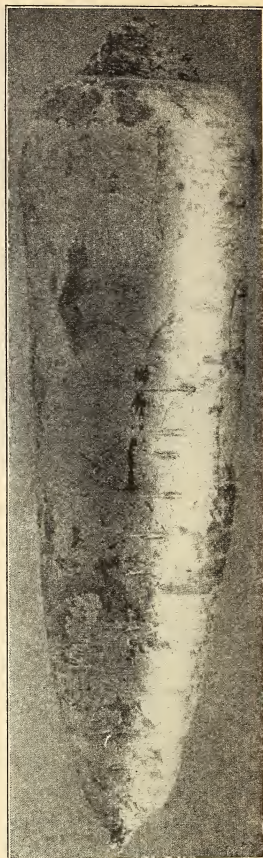
**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.25.**

**FRENCH FORCING.** Earliest Short Horn. One of the earliest varieties in cultivation and very desirable for forcing. The tops are very small. The roots are reddish-orange and are nearly round when forced, but somewhat longer when grown outdoors. When fully matured the roots are about 2 to  $2\frac{1}{2}$  inches long.

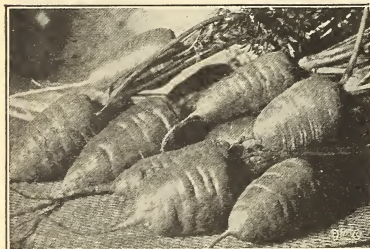
**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.**

**GUERANDE, or OXHEART.** Easily dug because of their shape. A bright orange, fine grained and very sweet. The mature roots are  $4\frac{1}{2}$  to 5 in. long, very thick and broad at the top, tapering abruptly to a small tap root. When young the roots are desirable for table use as a medium early Carrot, and when mature they are especially good for stock feeding. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.**



Carrot, Danvers Half-Long



Carrot, Early Scarlet Horn

**HUTCHINSON.** Originated in Massachusetts and grown throughout New England by market gardeners as a box Carrot, it being a money maker for them because of its uniformly large crops that always command the top market prices. Grown by a market gardener who gives careful attention to shape, color and productiveness. It is near to perfection. It attains great length, is nearly cylindrical in shape, tapering slightly to the abrupt stump. The top portion that grows out of the ground takes on a characteristic green color. Not recommended for bunching. Our supply is limited.

**Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.**

Remember that we also issue in August a mid-Summer list of **Pot-Grown Strawberries**, and in September, a catalog of **Bulbs for Fall Planting** either or both of which we shall gladly mail to any address upon request.



## CARROTS—Continued

**LARGE WHITE BELGIAN.** Grown exclusively for stock feeding. The large roots often 16 in. long, are very thick, pure white under the ground and green above. Grows usually about one-third above ground. Small tops and coarse flesh are characteristic. An enormous cropper on light, rich ground.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**LONG ORANGE IMPROVED.** The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often 12 in. in length and 3 in. in diameter at the crown, tapering regularly to a point. The tops are rather large. An

intermediate to late maturing sort, suitable for table use as well as stock feeding, combining great productiveness with uniform shape where grown in light, deep, rich soil. When of size suitable for the table, the roots are tender and of good quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**NANTES HALF-LONG.** One of the most symmetrical and handsome of the medium-sized varieties. The roots grow about 6 in. in length, are smooth, almost cylindrical in shape and are not apt to crack open while growing. Almost coreless. The flesh is bright orange, sweet and sugary, in fact, it is the sweetest of all Carrots. An excellent table sort and a very heavy cropper.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.



## CAULIFLOWER

One ounce of seed produces about 2000 plants.



**CULTURE.**—Cauliflowers require very high cultivation, even more so than Cabbage, and plenty of moisture. There is no more delicious vegetable grown. Coldframe plants are probably the best and hardiest for early crops; the frames, however, need rather more protection during cold nights than is required for Cabbage plants. Seed sown in hotbeds in February will produce plants that are not inferior to coldframe plants. They should be transplanted once before setting in the open ground, and also should be gradually hardened by exposure; in this way they may be in condition to set out as early in April as the ground will permit. Set the early sorts about 2 feet by 15 inches, and cultivate the same as Cabbage. Where irrigation is practicable, great advantage is thus obtained during a drought. For late Cauliflower, sow seed in open ground from the middle of May to the middle of June, in hills the same as directed for late Cabbages. When the heads are forming, tie the leaves together at the top, thus avoiding the discoloration by exposure to the sun.

## CAULIFLOWER PLANTS. See page 43.

**ALGIERS.** A large and popular late variety. Largely grown for the New York markets.

Pkt. 15c.,  $\frac{1}{4}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**DANISH GIANT (Dry Weather).** The growth is very similar to that of Early Dwarf Erfurt, but with heavier foliage, and is less liable to blight in hot weather. It has been grown with excellent results where other varieties fail to form heads, especially in locations subjected to long droughts.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**EARLY DWARF ERFURT.** One of the popular varieties used in this section for the market garden. Plants are compact with few narrow, upright leaves, making it especially valuable for close planting and large yields. Heads are extra large size, pure white and averaging 8 to 9 in. in diameter. Market gardeners will find this variety runs very even in size. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**EARLY PARIS.** Early sort, rather large heads and quite compact.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**EARLY SNOWBALL, HENDERSON'S.** Its dwarf habit and short, outside leaves allow it being planted very close together. An extremely early variety, producing magnificent white heads of finest quality. For market gardeners' use it is one of the most profitable. Excellent for family use. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**SEA FOAM.** It is of a dwarf and compact habit, with medium-sized heads that are firm and attractive in appearance. Unsurpassed in quality, almost a sure header. The nearest to a snow-white head in Cauliflower. For forcing we do not think it is equaled. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

## FOTTLER'S CHAMPION ERFURT (Extra selected).

We have sold this strain of Cauliflower for many years, and it has invariably proved satisfactory. The heads are uniformly large, compact, white and well formed. We know of no variety that is its superior, and our largely increased sales from year to year are evidence that it is found to be reliable by our customers, many of whom use it in large quantities.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.



Cauliflower, Fottler's Champion Erfurt

# SWEET, or SUGAR CORN

One pound will plant 200 hills; 10 pounds sufficient for one acre in hills.  
By Parcel Post add Postage at Zone Rates (See third cover page.)

## Extra Early Varieties

**ARISTOCRAT.** One of the largest extra early varieties. Stalks grow from 4 to 6 feet high and bear large ears. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eaten from the cob. Ripens with the Cory.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**CORY, RED COB.** One of the earliest and best extra early varieties. Ears are eight-rowed, medium size, with red cob. A popular extra early variety.  
Pkt. 10c., lb. 20c., 2 lbs. 35c., 6 lbs. \$1.00.

**CORY, WHITE COB.** Similar to the above with white kernels. One of the most popular first early varieties. The 6- to 7-inch ears are well filled with 12 rows of large pearly white grains. Our strain of this is extremely uniform in both size of ears and height of stalk.  $4\frac{1}{2}$  feet high. The size and beauty of this variety give it ready sale even where the market is overstocked.  
Pkt. 10c., lb. 20c., 2 lbs. 35c., 6 lbs. \$1.00.

**EARLY MAYFLOWER.** The earliest variety yet produced, being slightly earlier than the Cory. Is a perfectly white Corn, eight-ten- and twelve-rowed, very productive, and for so early a variety, is of excellent quality. Pkt. 10c., lb. 30c., 2 lbs. 55c., 6 lbs. \$1.60.

**METROPOLITAN.** Largest extra early. Excellent flavor; one of the most profitable. Ten to twelve rows; ears from 8 to 10 in. long.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**POCAHONTAS.** Similar to the White Cob Cory. The ears are of good size and are always well filled. The flavor is excellent for so early a variety. While primarily a first early sort, it may be planted in this vicinity as late as July 15th, thus prolonging the season for Sweet Corn. Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**QUINCY MARKET.** Nearly as early as Cory, but larger and much sweeter; twelve-rowed. Of excellent quality; valuable for the family garden as well as for the market. It is ready for the table a little in advance of Early Crosby, and is often sold as such, a variety which in a green state it strongly resembles. A strictly reliable variety.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

## EUROPEAN CORN BORER

No means has as yet been found to successfully exterminate this serious pest. It is important that everyone cooperate in its control. Uprooting and destroying infested plants, and Fall plowing will help. Wherever found the authorities impose a strict quarantine. We cannot offer seed Corn on the cob because of it. Do not carry infested plants outside the area.

## Medium Early Varieties

**BLACK MEXICAN.** Although the ripe Corn is black, when in a condition for the table it is white. Exceedingly sweet flavored; one of the best for home use.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**CHAMPION EARLY.** Large, handsome, twelve-rowed ears of excellent flavor; ripens directly after the Early Crosby. Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

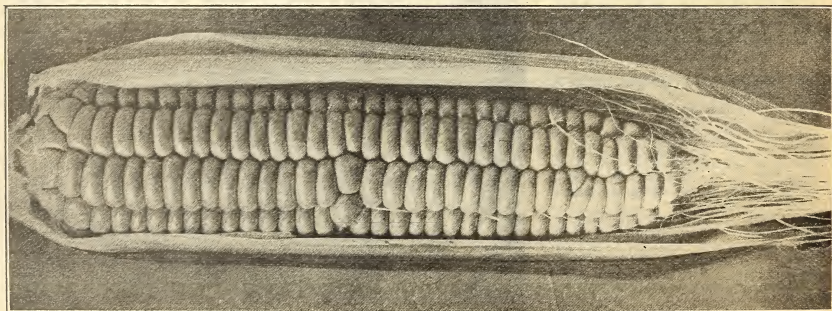
**CONCORD BEARSFOOT.** Of the medium early varieties this is one of the most popular for the market. Has a large ear, rather flattened at the end, of excellent quality.  
Pkt. 10c., lb. 30c., 2 lbs. 55c., 6 lbs. \$1.60.

**CROSBY EARLY.** Ears are larger than the Josiah Crosby strain, the stalk growing taller, ears long and larger. Particularly good.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**GOLDEN BANTAM.** Is becoming each year more popular because of its extremely early character, vigorous growth, and surpassingly delicious flavor. Although the dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted earlier than any other true Sweet Corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet; they bear two or three good, small ears of eight rows.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**GOLDEN DAWN.** Ripens with the Early Crosby. Grows about  $5\frac{1}{2}$  feet high and is very productive, having two or three good ears to a stalk; about six inches in length with eight rows of kernels on a cob. The golden kernels are lightly covered with a glossy skin, seemingly ready to burst. Quality is unequaled.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

**GRANITE STATE.** Maturing just after the Extra Early Crosby, and before the Early Crosby. The ears are very large for early Sweet Corn and set well down on the stalk. Generally two fine ears are borne to a stalk and measure seven to nine inches in length, with twelve or fourteen rows of good-sized, pearly white grains. Ears are covered with a heavy husk which extends well out from the tip and affords good protection from green worms.  
Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.



Corn, Golden Bantam



## SWEET CORN—Continued

**MAMMOTH GOLDEN DAWN.** A large yellow Sweet Corn of real merit that has proven an excellent sort for succession planting. When introduced a few years ago we predicted a great future for it and it has made good. In habit of growth the plant resembles its parent, Golden Dawn, attaining about 5 feet in height, and the stalks usually bear two good eating ears apiece. The ears are 9 or 10 inches long and are full of sweet juicy kernels from butt to tip, with a delicious flavor. Each has 14 to 16 rows of fine-grained, tender golden kernels. Cob white. Comes into prime eating condition at the same time as Crosby, meeting the demand for a large yellow Corn for first early ripening. The dry grains are firm and hard, permitting as early planting as Golden Bantam. If you have never yet tried this remarkable sort, try it this year by all means. See illustration at right.

Pkt. 15c., lb. 30c., 2 lbs. 55c., 6 lbs. \$1.67.

**POTTER'S EXCELSIOR or SQUANTUM.** The richest flavored of all the medium early white Corns. Ears good size, twelve-rowed deep, kernels, remarkably sweet, sugary and tender. A favorite with the market gardeners.

Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

## Late Varieties

**COUNTRY GENTLEMAN.** This popular variety has a small, white cob, densely covered with irregular rows of very long, slender, white "shoe-peg" grains of excellent quality. The ears are seven to nine inches long; stalks from six and one-half to seven feet high, many yielding three ears each. Fine for the home market or fancy local trade. Considered by many as the best flavored late Corn.

Pkt. 10c., lb. 25c., 2 lbs. 45c.,  
6 lbs. \$1.25.

**EARLY MAMMOTH.** An excellent variety coming about ten days earlier than the Late Mammoth.

Pkt. 10c., lb. 25c., 2 lbs. 45c.,  
6 lbs. \$1.25.

**MAMMOTH SWEET.** Produces mammoth ears which are very thick through with rows of large, broad grains of excellent quality; follows Stowell's in maturing.

Pkt. 10c., lb. 25c., 2 lbs. 45c.,  
6 lbs. \$1.25.

**STOWELL'S EVERGREEN.** The standard late crop variety of Sweet Corn. The stalks are strong and vigorous and grow seven to eight feet high and bear ears eight inches long, with sixteen or more rows of the finest sugary grains. A very productive sort with deep set white tender kernels. For the home garden, market grower or canning factory, it is always successful. We have specialized in this variety for many years, and feel that strain is the best that is possible to obtain. New England grown seed develops a larger percentage of sugar than seed grown in other sections of the United States. Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25, 12 lbs. \$2.25.

**WASHINGTON MARKET.** A large variety, delicious flavor; exceedingly popular in this market. Pkt. 10c., lb. 25c., 2 lbs. 45c., 6 lbs. \$1.25.

## Corn for Popping

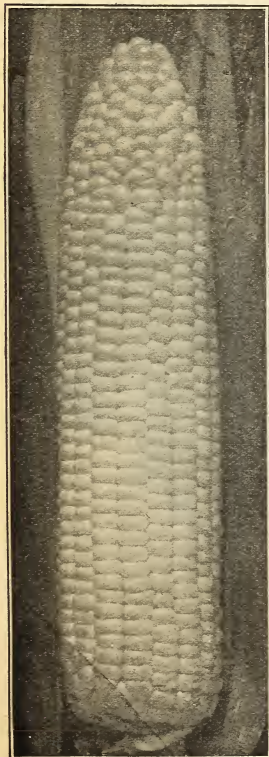
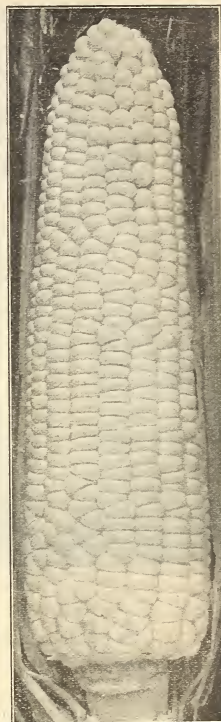
Pkt. 10c., lb. 20c., 2 lbs. 35c.,  
6 lbs. \$1.00.

**QUEEN'S GOLDEN.** Medium sized ears. Kernels yellow and pops perfectly white; quality excellent.

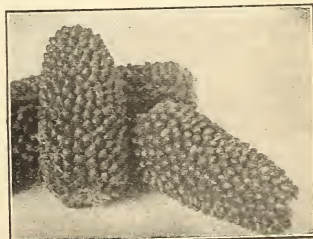
**RED BEAUTY.** Ears medium. Kernels round and red.

**WHITE RICE.** Ears short, kernels long, pointed white.

**CORN POPPERS.** See page 140 40c. each.



Stowell's Evergreen



Pop Corn



Celery, Easy Blanching

## CELERY

One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.

**CULTURE.**—Sow early in April, transplanting about the first of June. The seed, being very small, should be covered very lightly. Comparatively few soils are suited to Celery culture. Rich, mellow soils of a sandy nature are best, while soils that settle and become hard after rain are unsuitable. Set in rows 3 feet apart, and about 12 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and, as Fall approaches, draw earth up to the plants, keeping the stalks well together. This earthing-up is continued at intervals, until only the leaves appear above the soil. Ready when well blanched. For Winter use it is usually placed in frames and covered with earth and litter or stored in cool cellars.

**BOSTON MARKET.** (Grown in Arlington). *It is superior in quality to all other varieties, and is very popular with the market gardeners. It is unexcelled for its tender, crisp and succulent stems and its peculiarly mild flavor. Forms a cluster of heads instead of a large single one. To blanch, earth up about six weeks.*

Pkt. 15c.,  $\frac{1}{2}$  oz. 60c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**EASY BLANCHING.** (New.) Strong and stocky, with green foliage showing a slight tinge of yellow in the inner leaves. The stalks are very large and heavy; broad, solid, crisp, tender, and of a most excellent nut-like flavor. The creamy yellow hearts are exceptionally large and firm, and are of a most attractive appearance. It blanches very quickly and easily. This strain keeps much better in the trench than any other and will blanch readily in cold storage.

Pkt. 25c.,  $\frac{1}{2}$  oz. 75c., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00.

**GIANT PASCAL.** *For the market gardener this is the most profitable Celery for Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stalks are broad, thick and crisp, blanching quickly with but slight earthing-up.*

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.  
**PARIS GOLDEN.** (Self-Blanching.) *For beautiful appearance and extreme earliness this variety is unexcelled. It is of compact growth; rich, golden-yellow stalks that are self-blanching to a remarkable degree. In this vicinity it is the main early Celery raised. This seed is one year old and tested as to its purity.*

Pkt. 15c.,  $\frac{1}{2}$  oz. 60c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.  
**WHITE PLUME.** In some sections of the country this variety is produced in large quantities. Very attractive when ready for use. Plants are light yellowish green, tips of leaves almost white.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.  
**CELERY PLANTS.** See page 43.

### Celery, or Turnip-Rooted Celery

One ounce will sow a bed of nine square yards.

**CULTURE.**—Sow in light rich soil early in Spring; transplant in May in beds and water freely. When the plants are full grown earth up to a height of four or five inches. In a month they will be blanched. The roots will be ready in October for use in soups.

**APPLE SHAPED.** Of a very regular, almost spherical shape, with a fine neck and small leaves.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**LARGE SMOOTH PRAGUE.** An improved large type, producing smooth and almost round roots.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.40.



Celery, Giant Pascal





Cucumber, Arlington White Spine

## CUCUMBER

One ounce will plant about 50 hills; one to two pounds to the acre.

**CULTURE.**—To obtain early Cucumbers plant the seeds about the first of May in frames, without much bottom heat, or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Hills 3 or 4 feet apart each way. When the plants are well started, thin out, leaving four of the strongest in each hill. Seeds may be planted in hills late in May, making the crop somewhat later. For pickles, plant during the last two weeks in June.

**Rawson's Hothouse** (For forcing). The finest strain of Cucumber for forcing and outdoor planting in existence. It is an improvement on Rawson's White Spine, the fruit being 2 in. longer and darker green in color, a result attained by years of selection, and we feel confident that this strain cannot be equaled in this country. The great number of complimentary letters we have received warrant us in making this claim. We cannot recommend it too highly.

Pkt. 25c.,  $\frac{1}{2}$  oz. 50c., oz. 90c., 4 ozs. \$2.50, 1b. \$8.00.

### Extra Early Varieties

**EARLY FRAME.** Medium size, very early, excellent also for pickles. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**EARLY GREEN CLUSTERS.** Very early, short pickling variety; bearing fruit in clusters near the root.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**EARLY RUSSIAN.** The earliest of all. Fruits usually set in pairs and first blossoms usually produce fruits, small, oval, pointed at each end and good quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

### Pickling Varieties

**BOSTON PICKLING.** Superior to all others for pickling. Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of finest quality.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., 1b. \$1.50.

**GREEN PROLIFIC.** Medium early; fruits short, pointed at each end, bright green, uniform in size, and very productive.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., 1b. \$1.00.

**IMPROVED LONG GREEN, or JERSEY PICKLING.** The standard variety for pickling; dark green, productive, tender, crisp and of fine flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., 1b. \$1.00.

**WEST INDIAN GHERKIN, or BURR.** Used exclusively for pickling. The fruits are 2 to 3 in. in length; thick, rounded form, closely covered with spines. Vines rather slender with small foliage. It has no value for slicing. Seeds germinate very slowly.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

### Main Crop Varieties

**ARLINGTON WHITE SPINE.** This variety is one of superior quality, dark green, with very little of the white spine showing and extra long. Fruit grows very even in size and regular in form. Especially good for outdoor planting.

Pkt. 15c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, 1b. \$3.50.

**CUMBERLAND.** A very rapid, vigorous grower and very prolific. Thickly set with very fine spines over the entire surface, except the extreme end. Firm, crisp and tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., 1b. \$1.75.

**DAVIS PERFECT.** It is long and very dark green; shows the white spine only at the blossom end; grows remarkably uniform and is a very shy seeder. The average length is from 10 to 12 in. Very fine.

Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. \$1.00.

**GIANT PERA.** Frequently grows 12 to 18 in. long, straight, very smooth and dark green, with very few seeds. Excellent flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., 1b. \$1.75.

**IMPROVED WHITE SPINE.** The market gardener's favorite for field culture. It is one of the best sorts for the table as its color, seldom changes to a yellow when kept after being picked.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., 1b. \$1.75.

**JAPANESE CLIMBING.** Thick, exceedingly tender fruits of delicious flavor; flesh pure white, skin dark green, turning brown, and netted when ripened. Vine vigorous and throws out strong tendrils, which enable it to climb any support.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., 1b. \$1.75.

### English Frame Varieties

For growing in hotbeds.

**LOCKIE'S PERFECTION.** Very popular for private use. Medium length, smooth and of deep color. Pkt. 25c.

**ROCHFORD'S MARKET.** A Grand Cucumber for market, its color being in its favor. Pkt. 25c.

**TELEGRAPH.** Of the many strains of this Cucumber, we have not seen the equal of this; the best for market. Fruit 20 in. long. Pkt. 25c.

## Chervil

One ounce will sow about 100 feet of drill.

**Culture**—Sow in drills one foot apart in early Spring or Fall; covering seed about one-half inch. Thin out plants to four inches in row; leaves ready in six to eight weeks. Curled variety used like Parsley. Can also be sown in August or September; thin out to six inches in row and rows fifteen inches apart.

**Curled.** Largely used in soups and salads.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Chicory

One ounce will sow a bed of four square yards.

**Culture.** Sow in Spring, in drills one-half inch deep, in good mellow soil.

**Large Rooted or Coffee.** Leaves blanched, are esteemed as an excellent salad. The dried roots are sometimes roasted and used as a substitute for coffee.

**Pkt. 10c., oz. 25c., ¼ lb. 90c., lb. \$3.00.**

**Witloof, or French Endive.** Esteemed as a salad plant. Spring-sown seeds produce parsnip-like roots by November. Cut the leaves off 1½ in. from neck, trench 1½ in. apart, cover with soil 8 in. over crown; then place a 2 or 3 ft. layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad; very popular.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**



Chicory, Witloof

## Chives

Are used wherever the flavor of onions is required; grown entirely for tops and is perfectly hardy. No garden is complete without a few bunches.

**Seed. Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Roots. Per bunch 25c., 6 bunches \$1.50.**

## Corn Salad, or Feticus

One ounce will sow 20 feet square.

**Culture.**—Is generally sown in August or September. Sow quite thick about one-quarter inch deep, thin out and keep clear of weeds. Protect in Winter by thin covering of straw or meadow hay. Ready early in Spring; use same as Lettuce. For Summer use sow early in Spring.

**CORN SALAD** (Lamb's Lettuce). The well-known common variety. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

## Cress, or Peppergress

One ounce will sow sixteen square feet.

**Culture.**—Can be sown at any time in hotbed, coldframe or outside, according to the season. Cover seed about one-quarter inch and sow thickly. Sowing can be made every few days, as it has to be used young, as it runs to seed quickly.

**Extra Curled.** The most popular variety for market **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.25.**

**Upland Cress.** It is a hardy perennial, thriving on any soil. In early Spring it is first to make its appearance and grows rapidly. Ready for use weeks ahead of any other plant. The young and tender leaves can be eaten raw or in a salad.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Watercress.** Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the Winter. **Pkt. 15c., oz. 75c., ¼ lb. \$2.50.**

## Dandelion

One ounce will sow 100 feet of drill. One and one-half to two pounds will sow one acre.

**Culture.**—Sow as early as the season will allow, in good, well-manured ground in rows twelve inches apart. Cover seed quarter-inch deep and press down soil after sowing. Thin plants to three inches in row; by so doing the roots will be larger and time saved next Spring in gathering the crop.

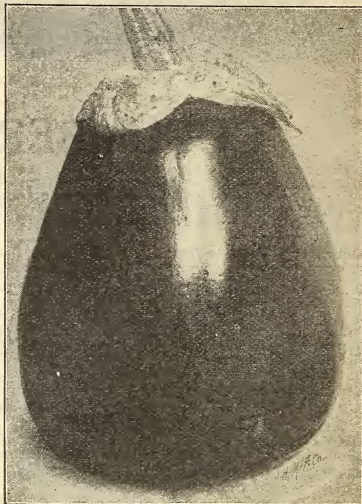
**French Thick-Leaved.** While there are several varieties of Dandelion used for market purposes, the French Thick-Leaved is the most popular in this vicinity. It is a large-leaved variety of upright growth. Our stock has been carefully selected by growers who make a specialty of the Boston market.

**Pkt. 10c., ½ oz. 50c., oz. \$1.00, ¼ lb. \$3.50.**

## Dill

Extensively used for flavoring pickles.

**Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.**



New York Improved Egg Plant

## Egg Plant

One ounce will produce about 1,000 plants.

**Culture.**—Sow early in March in hotbed, transplant to four or six inches apart. Plant out in open ground about May 20, two feet apart in row and three feet between rows. Egg Plants are very tender and will not stand frost.

**NEW YORK IMPROVED.** More largely grown for market than any other variety. Its color is deep purple, very large in size, fine quality and excellent keeper.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

Pot-grown plants of this standard spineless variety ready May 15th. This is the most satisfactory way to handle them. **Doz. \$1.25, 100 \$9.00.**

**Black Beauty.** Is from ten to twelve days earlier than the New York; fruits broad, thick.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Early Long Purple.** A very popular variety for market, especially in the northern section.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



## Endive

*One ounce will sow 150 feet of drill.*

**CULTURE.**—Sow in May for early use about one-quarter inch deep in rows ten to twelve inches apart; thin out plants to eight inches in row. Before using, plants require to be blanched, which is done by gathering the outer leaves to a point and tying with soft twine or raffia. For late use sow up to last of June.

**BROAD-LEAVED BATAVIAN, or ESCAROLLE.** The most popular variety for the market. This is the Chicoree Escarolle used chiefly in salads. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**GIANT FRINGED.** Broad leaves with a large white heart; an exceedingly strong grower. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**GREEN CURLED.** Beautiful growth of dark green leaves, tender and crisp. Hardest of all. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**WHITE CURLED.** Resembles the green except in color. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Fennel** (Florence, or Naples). Resembles Celery in flavor, but has a sweet taste and delicate odor. Should be sown in Spring in drills 18 in. apart and the plants thinned to 5 or 6 in. apart. **Pkt. 10c., oz. 50c., ¼ lb. \$1.50.**

**Horse Radish** Plant the sets in May, small end down, with top 1 inch below the surface, in rich, well-cultivated soil. Before planting set should be cut off slanting so as to prevent decay from water resting on top. Roots ready to pull in October. Small roots, ready for planting. **Doz. 35c., 100 \$2.50, 1000 \$20.00. By mail add 10c. per doz.**

## Kale

*Sow four pounds to the acre; one ounce will sow 150 feet of drill.*

**CULTURE.**—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost which imparts a more delicate flavor.

**DWARF CURLED SCOTCH.** Extra fine curled, bright green leaves, tender and of fine flavor. Very hardy and, like Savoy Cabbage is improved by moderate frost. **Pkt. 10c., oz. 20c., ¼ lb. 60c.**

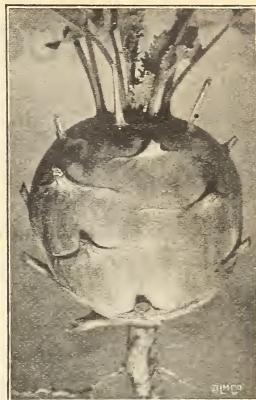
**SIBERIAN, or GERMAN GREENS (Sprouts).** A hardy, very fine curled variety. Popular with the market gardeners. Should be sown in September in rows 1 ft. apart for Spring greens. **Pkt. 10c., oz. 20c., ¼ lb. 60c.**

**SPRING, or LARGE SEEDED.** Curled dark green leaves. Should be sown as early as the ground can be worked in the Spring. Rows 18 in. apart. **Pkt. 5c., oz. 15c., ¼ lb. 25c.**

**TALL CURLED SCOTCH.** Leaves are bright green, exceedingly fine curled, tender and of fine flavor, very hardy. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**



Endive, Broad-Leaved Batavian



Kohl-Rabi

**Kohl-Rabi** *One ounce will sow a drill 200 feet long.*

**CULTURE.**—For early use sow in March or April in hotbed, or in open ground in May. Cover seed one-quarter inch deep; transplant into rows two feet apart and plants from ten to twelve inches apart in rows.

**EARLY PURPLE VIENNA.** Above ground, fine early sort; excellent table variety. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

**EARLY WHITE VIENNA.** Above ground, similar to preceding except in color. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

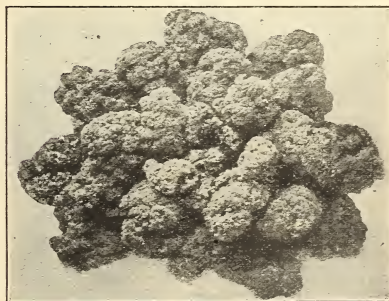
**Leek** *One ounce will sow 100 feet of drill.*

**CULTURE.**—For best results sow as early as the ground can be worked in Spring, in rows one foot apart. Cover seed about one inch deep; transplant when plants are about six inches high in rows six inches apart; plant as deep as possible that the neck being covered may be blanched. Ground should be made very rich.

**AMERICAN FLAG.** Strong and vigorous, excellent for the market. **Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$3.00.**

**LARGE ROUEN.** One of the best for forcing. Leaves are dark green, very broad and thick. **Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$3.00.**

**MONSTROUS CARENTAN.** Is of fine quality and much larger than any other variety. **Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$3.00.**



Kale, Dwarf Curled Scotch

# LETTUCE

One ounce for 100 square feet or 120 feet of drill.

**CULTURE.**—For Winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first to three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch, the rows eighteen inches apart, then thin out plants to eight inches in row.

**LETTUCE PLANTS.** See page 43.

## Forcing Varieties

**ARLINGTON WHITE SEED.** For sowing in hotbeds and heading with each off in the Spring, or for early transplanting in the field.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**GRAND RAPIDS.** A leading forcing variety, being of quick growth, hardy and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, Savoyed, finely crimped at edges.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**HITTINGER'S BELMONT.** An excellent forcing variety, dark green leaves and almost a sure header. One of the largest plain leaf heading varieties.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**HITTINGER'S BELMONT** (Special Private Strain). Grown by one of the leading market gardeners in this vicinity from his private stock. Supply limited.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

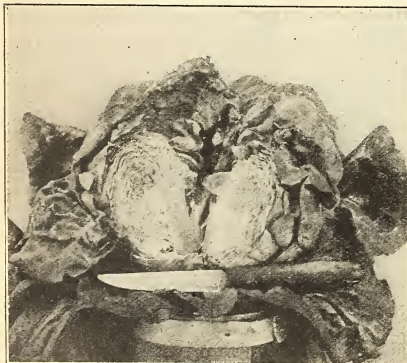
**HOTHOUSE LETTUCE.** The largest plain leaf Lettuce. Especially adapted for growing in the greenhouse or hotbed. It has a very large head that is not liable to rot in the heart. A most valuable sort for the market-gardener. A favorite in the Boston and New York markets.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

## VEGETABLE FORCING

(Watts)

**Postpaid, \$2.65.** Thirty pages of this excellent book are devoted to the culture of Lettuce, its diseases and marketing. The remaining 395 pages discuss other important crops.



Lettuce, Big Boston



## General Crop Outdoor Varieties

**BIG BOSTON.** A favorite large heading variety, plain leaf, very hardy. Edges of leaves have brownish tinge.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**BLACK-SEEDED TENNISBALL.** Our strain of this standard, sure-heading variety is superior in every way and will give such universally good results that we heartily recommend it as a tried and true variety. One of the most popular butter-head Lettuces, and always in demand by market gardeners. The outer leaves are broad and crumpled, of a medium green, while the inner are a rich creamy white, tender and crisp. Heat resistant to a remarkable degree.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**BROWN HEAD.** Heads of medium size, edge of leaves a reddish brown, very hardy, quite generally sown in Autumn.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**CALIFORNIA CREAM BUTTER.** Heads are round, solid and good sized, tender and best quality.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**HANSON.** An excellent plain leaf with large, solid heads; fine flavor, tender and crisp. Stands hot weather remarkably well.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.



Lettuce, May King



## LETTUCE—Main Crop varieties—continued



Lettuce, Iceberg

**MAY KING.** Of great value because of its extreme earliness, size and tenderness. Will head with heat as well as out of doors, though it attains a better size with open air culture. Its globular-shaped heads are a light yellowish green, tinged brown; are hard and well closed.

Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**SALAMANDER.** As a Summer variety this is one of the best good sized heads, and stands drought and heat with little injury. Very popular.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**SIMPSON, BLACK SEED.** Heads are large, early and loose with crumpled and blistered leaves light in color.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

**WONDERFUL.** One of the large, late Cabbage-head varieties; very crisp and tender.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

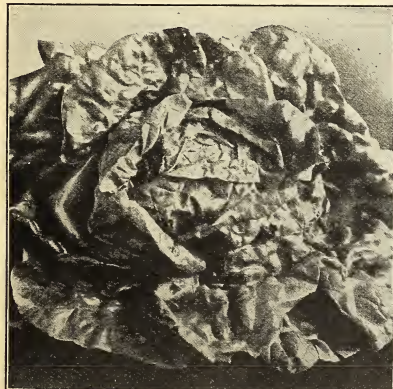
## Romaine, or Cos Lettuce

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**BATH COS.** Very large; tall growing and fine flavor. Blanches easily.

**PARIS WHITE COS.** Similar to the Bath Cos, only light colored leaves.

**TRIANON.** A medium large, self-bleaching Cos Lettuce of excellent flavor. Very tender and crisp. Excellent quality.



Lettuce, Black Seeded Tennis Ball

**ICEBERG.** Housewives generally are enthusiastic over this splendid solid head Lettuce, shipped so freely from California. The plant is large, of a very attractive deep green, with broad leaves that are frilled and decidedly crumpled. The inner leaves blanch beautifully and are exceedingly tender and crisp. It withstands heat extremely well and on strong soils will produce heads of enormous size. Being larger than most kinds, ample room must be allowed for each plant to develop. Much used as a Summer and Fall sort. Our strain is very fine.

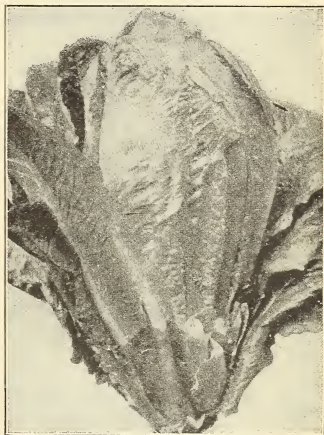
Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**MAMMOTH BLACK-SEEDED BUTTER.** The largest and by many considered the best variety for the late crop. To be sown from middle of July to middle of August. Produces enormous, finely formed heads of the finest quality.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**MIGNONETTE.** A very small-headed Lettuce, perfectly hardy and solid. One of the finest for the home garden. Color dark brown with a dark greenish tinge.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.



Romaine Lettuce, White Cos

## Lettuce. CURLED VARIETIES

**BOSTON CURLED.** A superior strain, of great beauty and fine quality. The handsome, frilled leaves make it a decidedly ornamental variety. The best of the Curled Lettucses.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**SIMPSON, EARLY CURLED.** One of our earliest curled varieties. Loose heads and very tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**TOMHANNOCK.** The upright growing leaves with edges tinged brown make it very attractive. Is crisp, tender and of good quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

## Martynia

One ounce will plant about 150 hills.

**CULTURE.** Sow in hotbed in March for early use; for outside use sow in April or May, cover seed about three-quarter inch; plants require a space of three feet each way as they are of a branching nature. Pods are used for pickling.

**PROBOSCEIDA.**

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.



Miller's Cream

## Musk Melon

Plant two or three pounds for one acre. One ounce for 50 hills.

**CULTURE.**—Do not plant until all danger from frost is over, in hills six feet apart each way. Put a dozen seeds in a hill, and when danger from bugs is over thin to three or four plants. Pinch main stems, which will strengthen the vine, and the fruit will come earlier. Use Slug Shot or Bug Death to kill bugs.

### Green-Fleshed Varieties

**HACKENSACK, EXTRA EARLY.** Fruit is large and flattened. Ribs deep and of irregular width, coarsely netted. Flesh thick and of excellent flavor. Always in demand in this market.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**HONEY DEW.** A very late, round to oval melon with thick meat and a small seed cavity, of a dull white with a tendency to net when ready for picking. Luscious, honey-like flavor. Start in hotbeds on sods.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.  
**JENNY LIND.** Green flesh, extra early. One of the sweetest in cultivation. Medium size.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**MONTREAL MARKET IMPROVED.** One of the largest melons, for exhibition and home use. Fruit is nearly round, deeply and irregularly ribbed. Skin green and densely netted. Flesh remarkably thick and light green, of delicious flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**ROCKY FORD.** A delicious oval melon, beautifully netted over a light green skin. Flesh smooth and light green. Quality the best. A most popular sort for home or market.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

### Red, or Salmon-Fleshed Sorts

**CHRISTIANA IMPROVED.** Very thick flesh of a dark rich yellow. Fine flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**EMERALD GEM.** Very early and prolific. Its skin is a deep green with a few light colored stripes. Flesh salmon and very thick, of a rich, delicious flavor. Fine quality. Exceedingly popular for market or home use.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**MILLER'S CREAM or OSAGE.** Skin dark green, slightly netted. Flesh salmon, sweet and delicious. Does well on all soils. A remarkable keeper. One of the best for shipping.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

### Forcing Melons

These are grown extensively in England, and are becoming more popular each year in this country. Our seed has been selected with great care from specially selected fruits grown in this country.

**WINDSOR CASTLE.** Green fleshed. Pkt. 50c.

**BLENHHEIM ORANGE.** Pkt. 50c.

**ROYAL SOVEREIGN.** Flesh white. Pkt. 50c.

### Other Green-Fleshed Sorts

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**LONG ISLAND BEAUTY.** Similar to Hackensack.

**NETTED GEM.** Rocky Ford type.

### Other Red or Salmon-Fleshed Sorts

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75

**BANANA.** So called on account of its shape.

**BURELL'S GEM.** Oval, dark green, thin rind.

**FORDHOOK** (Burpee). Small, early and sweet.

**LONG YELLOW.** Good size, netted, slightly ribbed.

**PETOSKEY or PAUL ROSE.** Oval. High quality.

**SURPRISE.** Early, oblong and cream colored.

## Water Melon

One ounce will plant about 30 hills; four pounds to the acre. Culture same as for Musk Melon.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**COLE'S EARLY.** An extra early variety; almost sure to ripen in this vicinity. Oval in shape and flesh excellent flavor.

**FORDHOOK EARLY.** One of the earliest large-fruited Melons. These fruits are of good size, short and blocky in form and of large diameter. Skin dark green, occasionally with faint stripes of lighter green; flesh bright red; crisp, sweet; skin is tough, and rind quite thin, making a fine sort for shipping.

**HUNGARIAN HONEY.** A large, round, early Melon of delicious flavor; very dark red flesh.

**MOUNTAIN SWEET.** For general use one of the best. Color dark green; thin rind; flesh scarlet, solid and of excellent flavor.

**PHINNEY'S EARLY.** This is one of the earliest varieties. Vines vigorous and productive. Melons medium size, oblong, smooth and marbled with two shades of green. Foliage is thick. Very sweet.

**DIXIE.** Large oblong. Light and dark green striped.

**FLORIDA FAVORITE.** Deep red flesh. Excellent

**ICE CREAM.** Nearly round, early and delicious.

**KENTUCKY WONDER.** Oblong, crisp and sweet.

**KOLB GEM or AMERICAN CHAMPION.**

Large, oval.  
**CITRON FOR PRESERVING.** Red seeds.  
**COLORADO PRESERVING.** Large. Olive green seeds.



Cole's Early



## Mushroom Spawn *Ten bricks will spawn ten feet square.*

**Lambert's Spore Culture Spawn.** Produced under the new, selective method, is received absolutely fresh at frequent intervals from the manufacturer. This spawn will produce mushrooms, of a specific variety, selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. It absolutely eliminates all danger of raising poisonous mushrooms. We keep on hand the cream white, brown and pure white varieties. Each brick weighs from 1¼ to 1½ lbs., and will spawn ten feet square of beds. Standard bricks are inoculated from a pure culture transfer.

Per Standard brick 40c., postpaid 45c., 5 bricks by express \$2.00, 10 bricks \$3.50.

## Wilder's Hotbed Thermometers

For Mushroom Beds or Hothouses. Mercury tube, black oxidized scale, white figures and graduations. Turned wood back and handle. 17 inches long. Brass point. None better. P. P. Wt. 2 lbs.

\$3.00.



## Mustard *Sow one ounce to 80 feet of drill.*

**CULTURE.**—For early use sow in hotbed in March, and for general use at intervals, during the Summer, in rows six inches apart and thick in row. Cut when not over two inches high.

**Chinese.** Leaves twice the size of the ordinary white mustard, of a deeper green. Flavor pleasantly sweet and pungent, and preferable as salad.

Pkt. 5c., oz. 15c., ¼ lb. 75c.

**Black, or Brown.** For culinary use.

Pkt. 5c., oz. 15c., ¼ lb. 40c.

**White, or Yellow.** For salads or medicinal purposes.

Pkt. 5c., oz. 15c., ¼ lb. 40c.

## Okra *One ounce will plant 100 hills.*

**CULTURE.**—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

**Improved Long Green.** Long, slender pods, very productive, and only 1¼ inches high.

Pkt. 10c., oz. 15c., ¼ lb. 30c., 1b. 75c.

**White Velvet.** Smooth and of a velvety appearance. Tender and of good flavor.

Pkt. 10c., oz. 15c., ¼ lb. 30c., 1b. 75c.

**Perkins' Mammoth.** The pods shoot out from the stalk within three inches from the ground, and the entire plant seems to be covered with pods of intense green color and unusual length, and does not get hard quickly.

Pkt. 10c., oz. 15c., ¼ lb. 30c., 1b. 75c.



Okra

## Parsley

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Make the rows 12 to 14 inches apart. Thin to three or four inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting. Bear in mind that Parsley seed sometimes takes two to three weeks to germinate. Firm the soil well after sowing and keep the seed from drying out.

**CHAMPION MOSS CURLED.** The leaves of this popular variety are of an exceedingly dark green and so crumpled and curled as to have the appearance of curled moss. It is quite hardy and slow to run to seed. Can be grown satisfactorily in pots or window boxes, and sometimes is seen as borders in flower gardens. Splendid for garnishing. The best sort for the market.

Pkt. 10c., oz. 20c., ¼ lb. 60c.

**DOUBLE CURLED.** Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties.

Pkt. 10c., oz. 20c., ¼ lb. 60c.

**HAMBURG, or ROOTED.** A rooted variety, of which the roots are the portion used. Good for flavoring soups and stews.

Pkt. 5c., oz. 15c., ¼ lb. 45c.

**FERN LEAF.** This is most exquisite in form and color. Unsurpassed as a garnishing plant.

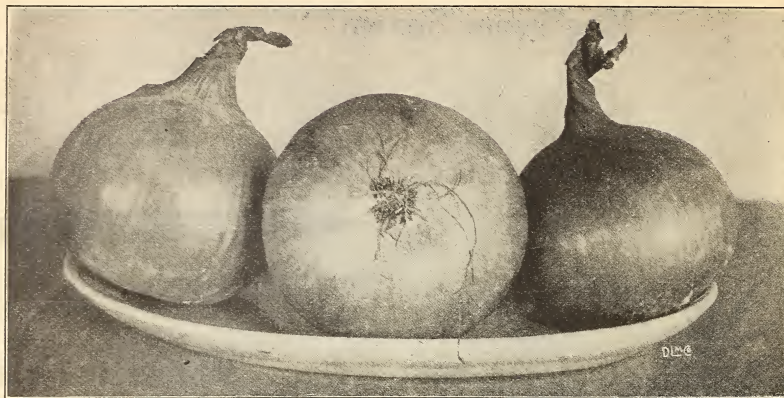
Pkt. 5c., oz. 15c., ¼ lb. 45c.

**PLAIN LEAF.** Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning.

Pkt. 5c., oz. 15c., ¼ lb. 45c.



Parsley, Champion Moss Curled



Onions, Danvers Yellow Globe



## ONION



*An ounce will sow 100 feet of drill. Four to five pounds to the acre.*

**CULTURE.**—Select a clean, rich piece of land upon which Onions were grown the previous year, if possible. Scatter broadcast a heavy dressing of well rotted manure, and plough six or seven inches deep as early in the Spring as the ground can be worked; harrow and rake down to a fine even surface. Sow about four pounds of seed per acre, in drills a foot apart, and a quarter of an inch deep. If a seed-drill is used it should be provided with a good roller to press the earth firmly upon the seed, particularly if the soil is very dry. Sow as early as possible. A few days' delay often makes a marked difference in the crop. Unless the plants stand very thick together, they need not be thinned out much, if any, as Onions will crowd each other and find room to grow. **Never allow the weeds to get ahead of the young plants.** The weeds must receive early attention. Use a scuffle or wheel-hoe between the rows and pull out the weeds not reached by the hoe. When the tops are all down, and the Onions well formed, they may be pulled, and left on the ground for a fortnight or longer to dry (unless the weather be unfavorable), turning them occasionally with a wooden rake.

**DANVERS YELLOW GLOBE.** The most popular and best of all the yellow Onions for market and home use. Large, early, very thick bulbs, flat or slightly convex bottom, full, oval top, small neck, rich brownish yellow skin. The tops at maturity entirely disappear, leaving the bulbs clean and solid. Our stock is the original true type, with extremely fine keeping qualities and is probably not excelled by any other variety grown. A selected stock of New England grown seed, under the supervision of a grower of long experience.

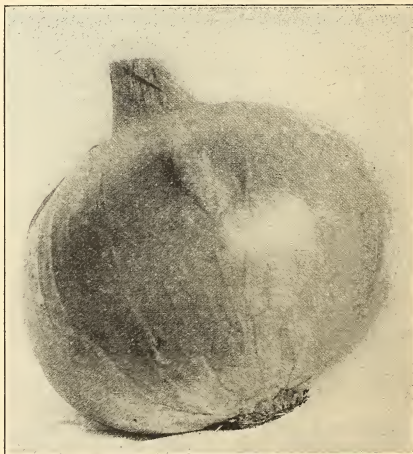
Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**DANVERS YELLOW GLOBE.** *Special Strain.* This seed offered is grown within 20 miles of Boston and the very highest quality. Bulbs selected by a market gardener of long experience.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**YELLOW PRIZETAKER.** One of the largest and mildest Onions grown, the rich, straw-colored bulbs averaging from 12 to 14 in. in circumference. Uniformly hard and handsome. The flesh is pure white, fine grained and exceedingly mild and delicate flavored. Excellent for Fall or early Winter use. In order to produce the largest and best Onion the seed should be sown in a hotbed early in the Spring, and transplanted when of sufficient size. They will prove valuable for those who grow them for exhibition purposes, as they are most attractive and showy.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



Onion, Prizetaker



## ONIONS—Continued

**AILSA CRAIG.** The largest Onion grown. This is an English variety which is quite popular with the English gardeners. It resembles the American variety of Prizetaker but will grow much larger and more globular in form. The skin is an attractive straw color; flesh is mild; will keep remarkably well for such a large bulb.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.00.  
lb. \$3.00.

**EARLY YELLOW CRACKER.** A very popular variety in Rhode Island markets. Is extra early. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**EXTRA EARLY RED FLAT.** Usually comes about two weeks earlier than the Large Red Wethersfield; of medium size and an abundant producer. Uniform in shape.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**LARGE RED WETHERSFIELD.** The largest, heaviest yielder and best keeper of all Red Onions. This is the standard red variety. Skin deep purplish red. Smooth and glossy, flesh white, lightly tinged with pinkish rose. The large solid Onions keep well for late Winter markets.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**RED ITALIAN TRIPOLI.** Large, flat Onion, mild flavor, producing very large bulbs.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**SOUTHPORT RED GLOBE.** Flesh fine grain, mild and tender. When matured, these Onions usually measure  $2\frac{1}{2}$  to 3 inches in diameter; of a handsome, rich red color and uniform in size. They form a hard, solid ball, and are excellent keepers.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**SOUTHPORT WHITE GLOBE.** A large globe-shaped Onion. A popular market variety, an enormous yielder and good keeper. The flesh is fine grained, crisp, snowy white in color and particularly mild flavor. When ripe enough to harvest the bulbs should be stored in a cool, dark shed or loft.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.  
lb. \$3.00.

**SOUTHPORT YELLOW GLOBE.** The flavor is mild, and skin is a pale straw yellow color, making a handsome appearance, which usually gives them ready sale in the market.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**WHITE ADRIATIC BARLETTA.** A large, pure white Onion. This is the earliest; especially adapted for pickling and table use; of rapid growth.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**WHITE ITALIAN TRIPOLI.** A large pure white, flat Onion of mild flavor.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**WHITE PORTUGAL or SILVER SKIN.** Largely grown by market gardeners. Very desirable for family use. Mild flavor, skin silvery white, of handsome appearance.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**WHITE QUEEN.** A silver skin variety of quick growth, very early. If sown thickly, valuable for pickles.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

## Onion Sets

Special quotations in bushel lots. Market price.

**CULTURE.**—Plant as early in the Spring as possible to obtain early green Onions. Set in rows a foot apart and one or two inches between them in the row. Those not used in a green condition will ripen early in July. Potato and Top Onions are grown from bulbs only. These clusters are separated and kept for seed.

**WHITE ONION SETS.** For setting in early Spring to produce the first early white Onions; largely used by market gardeners for bunching.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$2.00.

**YELLOW ONION SETS.** These, like the white and red, are for early setting in Spring in place of sowing the seed, producing a large Onion much earlier than can be done by the seed.

$\frac{1}{2}$  lb. 15c., lb. 25c., 4 lbs. 90c., 8 lbs. \$1.75.

**EGYPTIAN, or PERENNIAL TREE ONION.** The young sets grow on the top of the stalks like tree Onions. Should be planted in August or September for early Spring use. They are perfectly hardy. Delivery in August and later only.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$2.00.

**POTATO ONIONS, YELLOW.** From the parent bulb many small bulbs are produced in clusters. Used for early Onions.

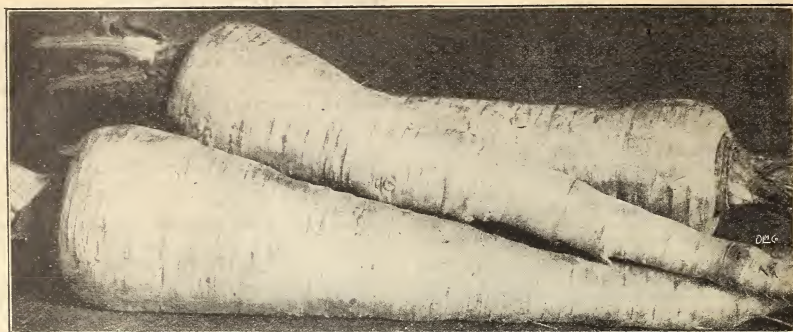
$\frac{1}{2}$  lb. 20c., lb. 40c., 4 lbs. \$1.50, 8 lbs. \$2.50.

**SHALLOTS.** For early planting.

$\frac{1}{2}$  lb. 20c., lb. 40c., 4 lbs. \$1.50, 8 lbs. \$2.50.



Onions: Southport Red-Yellow-White Globe



Parsnips, Hollow Crown

## PARSNIP

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Sow in Spring as soon as the weather will permit, in rows eighteen inches apart. Cover seed one-half inch deep; thin out to five inches apart in row when plants are large enough. A little frost improves the flavor. Take up what is wanted for Winter, leaving the rest in the ground for Spring.

### ARLINGTON LONG SMOOTH. (Private Stock.)

For deep soil and keeping in ground over Winter this is the best variety. A great cropper. Roots are very long, exceptionally smooth with a full crown, so that it keeps in the ground over Winter if necessary. *Unsurpassed for market and exhibition purposes.* This is especially selected for the full round crown, and runs absolutely true.

**Pkt. 10c., oz. 20c., ¼ lb. 75c.**

**LONG SMOOTH.** Very similar to above; extra long and white, with full crown. An excellent keeper.

**Pkt. 10c., oz. 20c., ¼ lb. 75c.**

**IMPROVED GUERNSEY.** Of the hollow crown type, but with shorter, thicker roots, although just as smooth. Fine grained flesh of excellent sugary flavor. A heavy cropper and easily gathered.

**Pkt. 10c., oz. 20c., ¼ lb. 75c.**

**IMPROVED HOLLOW CROWN.** Roots medium length with a small tap root. Very smooth, clear skin.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**SHORT ROUND FRENCH.** A round, early variety.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

## PEAS

*Plant 2 lbs. per 100 feet; about 100 lbs. per acre.*

**By Parcel Post add postage at Zone Rates**  
**(See third cover page)**

Varieties marked \* vines grow from 15 to 20 inches high and need no support.

Varieties marked † may be grown successfully without supports. Larger crops will be produced if supports are used.

Varieties marked ‡ should have support of some kind to secure best success. See page 150.

### Extra Early Varieties

† **ALASKA.** One of the very earliest. Popular with canners and market gardeners as a first early. The dry seed being smooth, it can be planted either in the Fall or extra early in the Spring, for this type will not rot as quickly as the wrinkled sorts. The vines grow from twenty to thirty inches in height, bearing well-filled, medium-sized pods. The dry seed has a bluish color.

**Pkt. 15c., lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50, 14 lbs. \$2.75.**

\* **AMERICAN WONDER.** On the points of flavor and quality this Pea stands at the head of the list. Very dwarf and robust habit; ten to fifteen inches high. Pods well filled; dry Peas medium size and wrinkled.

**Pkt. 15c., lb. 40c.,**

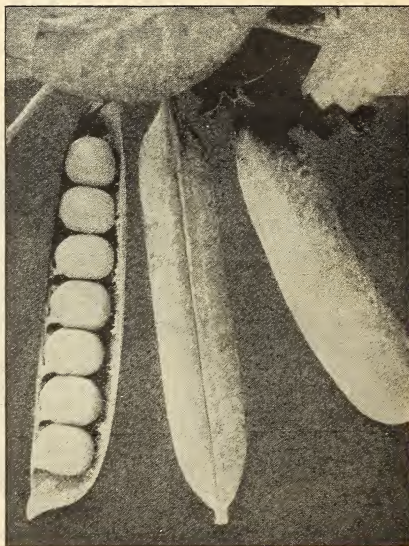
**2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.**

† **CLAUDIT.** An extra early of merit.

**Pkt. 15c., lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50.**

† **CLIPPER.** The first Peas to arrive in Boston Market. Vines usually about thirty inches high and well covered with pods. Peas medium size, excellent flavor, smooth and bluish color.

**Pkt. 15c., lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50, 14 lbs. \$2.75.**



Peas, Little Marvel



**EXTRA EARLY PEAS**—Continued

**†GRADUS or PROSPERITY.** The most popular of the long, large podded, wrinkled sorts. Matures only a few days later than the extra early smooth Peas. Vines grow 2½ to 3 ft. high and bear pointed pods nearly as large as Telephone. The quality is of the best and the flavor unsurpassed. Always a favorite for the home garden or for the market.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

**\*LAXTONIAN.** A large-podded sort on the order of Gradus, though more dwarf and a little earlier. Vines are vigorous, growing about 18 in. high, well covered with large pointed pods averaging eight to nine to a vine and nine to ten peas in a pod. Quality of the best.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

**\*LITTLE MARVEL.** An extra fine dwarf sort. Grows about 18 in. in height and bears blunt pods somewhat larger than Nott's Excelsior, averaging 3 in. in length, with six or seven large, deep green peas of excellent flavor.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

**†MARCHIONESS.** Might well be termed an "extra-early Gradus." Vine and foliage moderately heavy and medium green in color; pods a shade darker, 3½ in. long, semi-round, straight and pointed, containing seven medium dark green peas; quality and productiveness equal to Gradus.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

**\*NOTT'S EXCELSIOR.** One of the most popular extra early wrinkled varieties, especially with the market gardener. Vines are dwarf and vigorous. Pods contain from six to eight large peas, packed very closely together, making them more square than round. Pods average about 3 in. in length. Of superior quality.

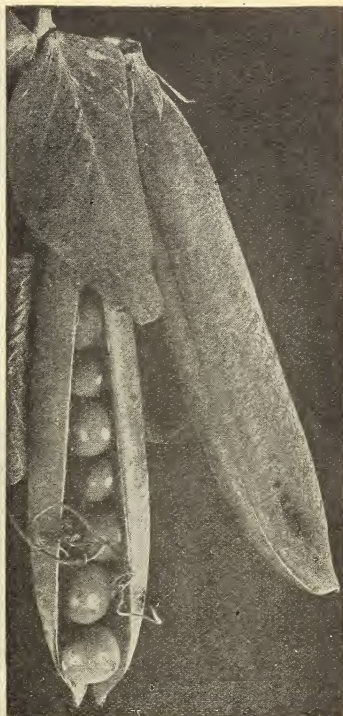
Pkt. 15c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.50.

**†PEDIGREE, EXTRA EARLY.** Pods of good length and well filled; exceptionally uniform. Smooth seed.

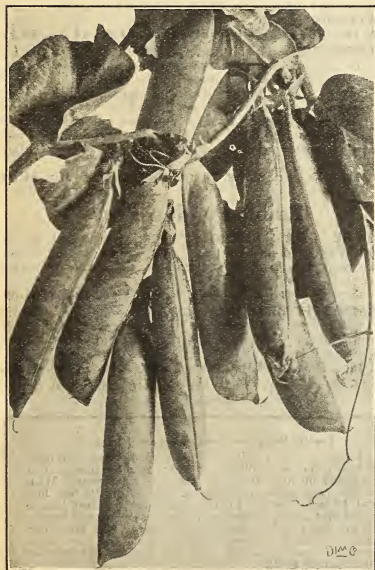
Pkt. 15c., lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50, 14 lbs. \$2.75.

**†PILOT.** A popular, large-podded, extra early, smooth pea. Seed large, light to dark green in color. A splendid market gardeners' first early sort. Height 3 ft.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.



Peas, Gradus



Peas, Sutton's Excelsior

**\*PIONEER.** A giant podded dwarf Pea of the Laxtonian type, ripening about the same time as Gradus. The peas are large and of superb flavor. Height 18 in. One of the best for market or home gardens.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

**\*SUTTON'S EXCELSIOR.** An excellent dwarf sort for home garden. It is earlier, larger and a much larger cropper than Nott's Excelsior, although about the same in height. This variety has stood the test of recent years as a profitable pea for the market gardener.

Pkt. 15c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 15 lbs. \$3.50.

**†THOMAS LAXTON.** The only rival of the famous Gradus. Extremely early, wrinkled Pea, long pod. In some respects we consider it better than the Gradus; pods are of a deep rich green. Peas very sweet; deep green.

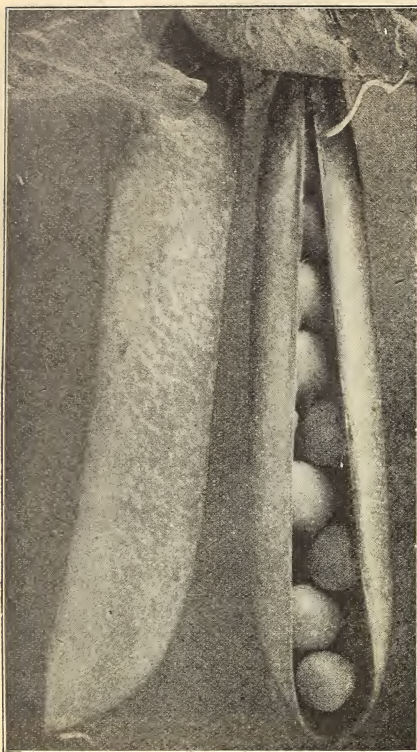
Pkt. 15c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.50.

**†WORLD'S RECORD.** A valuable, early, large-podded Pea of the Gradus type of the best quality. Pods very long, dark green and well filled. Height 3 ft.

Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

See preceding page for the balance of Extra Early sorts.

For Mulford Cultures, see page 144. Their use is insurance of success.



Peas, Alderman

## PEAS

### Second Early and Late Varieties

†**ADMIRAL DEWEY.** A strong growing late sort, wrinkled, with large pods, fine flavor and good cropper. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**ALDERMAN.** Unexcelled for shipping; market gardeners' favorite. A large podded late, wrinkled variety of vigorous growth,  $3\frac{1}{2}$  to 4 feet high; very productive; pods 4 to 5 in. long, well filled with large Peas of excellent flavor. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**BOSTON UNRIVALED.** Best large podded medium or late Pea grown. An improved strain of the Telephone type. Vines grow 4 to 5 ft. high and are covered with fine large pods about 5 in. long,  $\frac{3}{4}$  in. broad, and containing 7 to 8 extra large Peas of the finest flavor. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**CHAMPION OF ENGLAND.** Of the late varieties this is one of the very best and exceedingly productive. Grows 4 to 5 ft. Seed is green and wrinkled. Universally admitted to be one of the richest, best flavored Peas grown. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**DWARF CHAMPION or JUNO.** Very similar to the Champion of England except in growth of vine, which is only about  $2\frac{1}{2}$  ft. in height. Pods are dark green, good size, and very prolific. Quality excellent. Pkt. 15c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.50.

†**DWARF DEFIANCE (SUTTON).** Long, dark green pods that are well filled with large Peas of excellent flavor. Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

\***DWARF TELEPHONE, or DAISY.** Very vigorous, productive vines,  $1\frac{1}{2}$  to 2 ft. high. Pods are long and remarkably well filled. Peas are large and wrinkled. One of the best sorts for the home garden. Pkt. 15c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**EVERBEARING.** Very prolific vine, growing  $2\frac{1}{2}$  ft. high. Pods 2 to 3 in. long, well filled with large Peas of excellent quality. For the private gardeners this is one of the best. Pkt. 15c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.50.

†**FRENCH CANNER, or PETIT.** Very productive; extensively used for canning. 3 to 4 ft. high. Pods and peas are very small. Pkt. 15c., lb. 30c., 2 lbs. 55c., 7 lbs. \$1.75, 14 lbs. \$3.25.

†**McLEAN'S ADVANCER.** For a second early Pea this excels all others, especially for ripening about July 4th; very productive and excellent flavor. Grows about  $2\frac{1}{2}$  ft. in height. Ripens immediately after the extra earlies; can be picked clean at two pickings. Pkt. 15c., lb. 30c., 2 lbs. 55c., 7 lbs. \$1.75, 14 lbs. \$3.25.

†**POTLATCH.** A splendid large podded variety of the Stratagem type. Vines vigorous, attaining  $2\frac{1}{2}$  ft. in height, with huge pods dark green in color and filled with sweet and rich flavored Peas like the Telephone. Pkt. 15c., lb. 30c., 2 lbs. 55c., 7 lbs. \$1.65, 14 lbs. \$3.15.

†**STRATAGEM IMPROVED.** It is a favorite with the market gardeners for a general crop on account of the strong vines and large peas and pods. A heavy cropper. Vines are strong, vigorous, covered with large pods measuring nearly  $5\frac{1}{2}$  in. in length. Peas wrinkled, vines very branching, often 20 pods to a vine; quality is excellent. Pkt. 15c., lb. 30c., 2 lbs. 55c., 7 lbs. \$1.75, 14 lbs. \$3.25.

**TELEPHONE.** This is the recognized late Pea for the home garden where a fine appearance, high quality, and large sized pod are wanted. Vines are tall, heavy and vigorous,  $4\frac{1}{2}$  ft. high, with large, coarse, medium green leaves and producing an abundance of attractive medium green, broad, straight, pointed pods 4 to 5 in. long, containing eight large, tender, light green Peas; sugary-sweet, and of an excellent flavor. The standard late sort. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

### Edible-Podded Peas

†**DWARF GRAY SUGAR.** Vines grow about 15 in. high with purplish blossoms. Sugar Peas are not shelled but pods are broken and cooked the same as string Beans. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

†**MAMMOTH MELTING SUGAR.** Vines grow about 4 ft. high; very productive. Pods average 5 to 6 in. in length and  $1\frac{1}{2}$  in. in width; broken and cooked same as string Beans. Pkt. 15c., lb. 40c., 2 lbs. 70c., 7 lbs. \$2.10, 14 lbs. \$4.00.

For Field and Cow Peas for Fodder, see Farm Seeds, page 45.

#### Trellis Wire for Peas, Tomato Vines, etc.

Indispensable in any well-kept garden, taking the place of brush that is so difficult to secure in most places. Can be rolled up and stored for use year after year. Made of the best galvanized wire, 2-inch mesh, 10 feet long and 48 inches wide. Fitted with stakes  $5\frac{1}{2}$  feet long at either end and in the center,  $1\frac{1}{4}$  inches square and beveled at the lower end to make driving easy. The lower portion is treated to prevent decay while the part above ground is painted green. Per doz. lengths \$18.00, each 10-ft. length \$1.75.



## Peppers

One ounce will produce about 2,000 plants.

**CULTURE.**—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

**CAYENNE (True).** Fruits are small, cone-shaped and red. Used for pickling.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**CHINESE GIANT.** One of the very largest of the mild red sorts. The fruits are uniformly monstrous, thick and blocky, 4 to 5 in. in diameter, and of equal length, with prominent ridges. Flesh unusually thick and mild, making it excellent for salads. Brilliant glossy scarlet when ripe. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 65c.,  $\frac{1}{4}$  lb. \$2.00.

**CORAL GEM.** Small dwarf plants are fairly covered with many small, slender, very hot fruits 1 in. long and of a bright color. Excellent for seasoning.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**GOLDEN DAWN.** Bright golden yellow. Mild and sweet. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**ITALIAN, SWEET.** Exceedingly mild. In great demand in this vicinity. Grows 6 to 7 in. in length, diameter about 2 or 3 in. at the base. Light green before turning red. It is the principal variety for use green.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 65c.,  $\frac{1}{4}$  lb. \$2.00.

**LARGE BELL.** Very large. Flesh thick, hard and sweet. Usually 3 or 4 in. in length. Just what the Boston market demands.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**NEAPOLITAN.** An excellent market variety on account of its earliness and productiveness; usually ripens two weeks earlier than the Bull-Nose. Fruit of large size, growing on a thick, stocky plant, with thick and exceedingly smooth flesh and of a light green changing to bright red when ripe.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**RUBY KING.** Large, scarlet fruit with thick flesh and of a rather mild flavor. Especially fine for pickles.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**SWEET MOUNTAIN.** Exceedingly large, very prolific and popular market variety. Plants vigorous and productive; fruit is large and smooth; flesh very thick.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

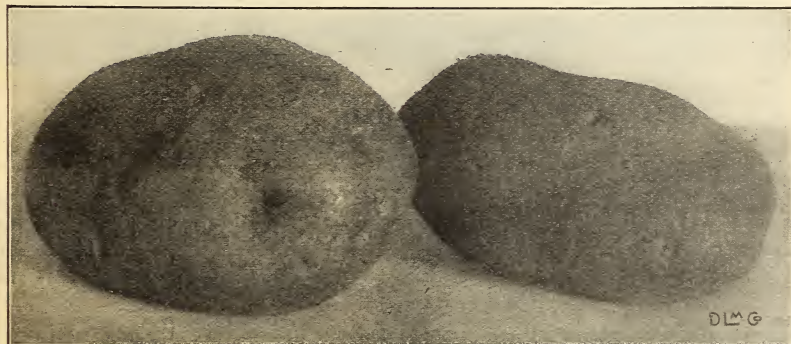


**SQUASH, or PICKLING.** Extensively used in Boston markets; the most popular variety with the market gardener; very productive. Flesh very thick and fruit quite smooth and nearly round. Plants are quite dwarf and mature fruit ready for market earlier than most other varieties. We have taken especial care in the selection of the fruit for seed of this variety.

Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**PEPPER PLANTS.** Ready in May and June.

Doz. 30c., pot grown 60c. doz. See page 43.



Green Mountain Potato—See page 56

## Potatoes

Eight to ten bushels sufficient for one acre. One peck will plant 75 hills.

Our seed Potatoes are strictly Maine grown. Write for price on large quantities.

**Market price when stock is ready for delivery.**

**BEAUTY OF HEBRON.** (Early.) Pure white with flesh-colored skin. Produces well on most soils, and one of the best sorts for keeping.

**EARLY NORTHER.** (Early.) An excellent early variety, resembling the Early Rose in shape and color.

**EARLY OHIO.** (Early.) About a week to ten days later than Early Rose, more prolific and of higher quality. The tubers are round or oblong, while the skin is flesh colored to light pink with numerous small russet dots. Not as high in quality as the Irish Cobbler.

**EARLY ROSE.** (Early.) The standard first early. Its tubers are roundish, oblong and somewhat flat, while the skin is flesh-colored or pink. Not as prolific as some of the later sorts, but is extremely early.

**GREEN MOUNTAIN.** (Late.) Both skin and flesh extremely white; good yielder. One of the best general crop Potatoes and a fine keeper. The tubers are oblong with a dull cream or light russet skin.

**IRISH COBBLER.** (Early.) Excellent for light soils. White and of medium size, roundish in shape. The quality is excellent, especially for baking.

**VERMONT GOLD COIN.** (Late.) Well adapted to loose soils and muck land. Tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.

**SWEET POTATO PLANTS.** See page 43.

## Pumpkin

One pound will plant 200 to 300 hills. One ounce will plant 20 hills.

**Culture.**—Sow when all danger from frost is over in hills eight feet apart; thin out to four plants in a hill. The common practice is to drop two or three seeds in every third or fourth hill in the corn field.

**CONNECTICUT FIELD.** The best for field culture.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**CUSHAW, or CROOKNECK.** Large, light cream color, fine grain. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**KING OF THE MAMMOTHS.** The largest of all Pumpkins. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**LARGE CHEESE.** Large, round flattened, with creamy buff skin. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

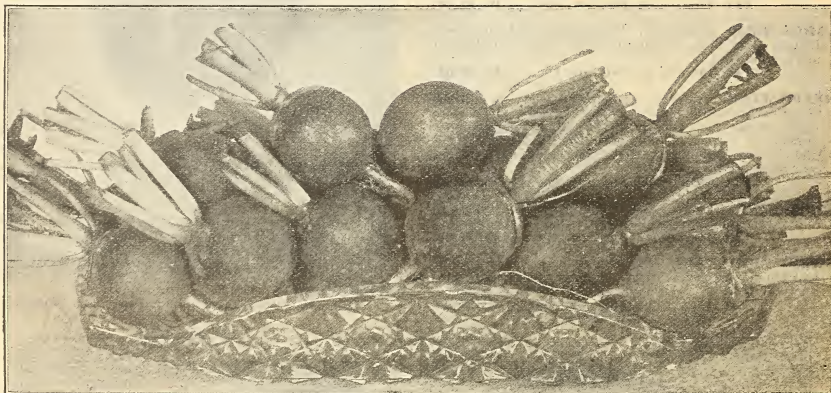
**NANTUCKET SUGAR, or NEGRO.** Skin very dark green, almost black; flesh thick, and rich orange-yellow. Excellent keeper. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**SMALL SUGAR, or NEW ENGLAND PIE.** This variety is small but of most excellent quality for pies. The fruits are deep orange, 3 to 10 in. in diameter, round or somewhat flattened and slightly ribbed. The flesh is rich deep yellow, fine grained and very sweet.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**WINTER LUXURY.** Medium size, productive and an excellent keeper. Color of skin russet; fine netted.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.50.



Radish, Early Scarlet Globe

## Radish

One ounce will sow about 100 feet of drill.

**Culture.**—Sow in the open ground as soon as it can be worked, at intervals of ten days for a succession as long as wanted. Sow in hothead or greenhouse in Winter. The Winter varieties should be sown in August and lifted before severe frost. As their tender and mild qualities depend on rapid growth, the soil should be rich, light and mellow.

**ARLINGTON LONG SCARLET.** This is unexcelled for a long Radish. A favorite on the market on account of its beautiful appearance and fine flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**CRIMSON GIANT FORCING.** Will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Also a splendid outdoor sort.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**EARLY SCARLET GLOBE.** As a forcing Radish this is at the head of the list, being the best shape, brightest scarlet, most uniform and short top. Tender, crisp, and early.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**EARLY SCARLET TURNIP.** Small top, quick growth, mild and crisp, excellent for forcing. Well and favorably known.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**EARLY SCARLET TURNIP, WHITE TIP.** Very deep scarlet, with white tip. Its excellent appearance makes it a favorite in the market. Very extensively used.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**EARLY WHITE TURNIP.** Like the scarlet in shape, but color is white. Quick growing.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**FRENCH BREAKFAST.** A popular, quick growing variety; excellent for forcing. Oval form, scarlet, tipped with white.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.





Radish, French Breakfast

**RADISH—Continued**

**GIANT WHITE STRASBURG.** Roots pure white, oblong and mild flavor. Brittle.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**GIANT WHITE STUTTGART.** Early, quick growing. In five to eight weeks after being sown will produce extra large roots. If sown in July or August for a late sort, will be ready in October.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**ICICLE.** Grows four to five inches long; matures in twenty-five days after sowing. The most transparent Radish.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**NE PLUS ULTRA, or TWENTY-DAY FORCING.** Earliest of all Radishes for forcing, being ready for the table in three weeks. Roots are round and bright scarlet.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**SCARLET TWENTY-DAY FORCING.** Short leaves, very early and brilliant red. Excellent for frames.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Winter Varieties**

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**CALIFORNIA, MAMMOTH WHITE.** Grows to a large size; flesh is white, firm and good flavor.

**LONG BLACK SPANISH.** Very large size and nearly black in color. Firm texture, and should be stored in sand for Winter.

**ROUND BLACK SPANISH.** Similar to above only round and black. Crisp and pungent.

**ROSE-COLORED CHINA.** Of rose color; flesh firm. Rather conical in shape; very smooth. One of the best Winter sorts.

**TOBACCO DUST****Valuable as a Fertilizer and an Insecticide**

Save your Radishes and Turnips from worms by strewing it generously in the row before sowing. It acts as a repellent for many insects infesting the soil. Being rich in potash, often 5%, it is also a valuable fertilizer and deserves much more general use. Dusted over Cucumber, Melon and Squashes it helps greatly to rid these vines of the destructive bugs. Apply in the morning when the plants are covered with dew. 5 lbs. 35c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00.

**Rhubarb**

**Culture.**—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn. Make furrows of good depth, 3 to 4 feet apart, according to the variety planted; across these furrows, at right angles, make others the same distance apart; at each intersection put three or four shovelfuls of good manure, and upon this set the plants. Any good soil will suit Rhubarb; but to obtain heavy crops, good soil well manured is indispensable. A piece of root with a single bud, or eye, is enough for each hill. Cultivate during Summer, but do not pull any stalks the first year. Late in Autumn cover each plant with a good shovelful of manure, and plough a furrow against each side of the rows: this protection will assist the earliness of the crop. In early Spring level the ground working in the manure with a fork. Plants can be obtained from seed, which may be sown in a hotbed in March, and the plants set out about the middle of May. It takes longer, however, to obtain a crop from seedling plants than from roots.

**VICTORIA.** The variety in general use for the market; yields immense crops.

Pkt. 10c., oz. 60c.,  $\frac{1}{4}$  lb. \$1.25.

**RHUBARB ROOTS.** (See also page 43.)

Medium Size.

Each 25c., doz. \$2.50.

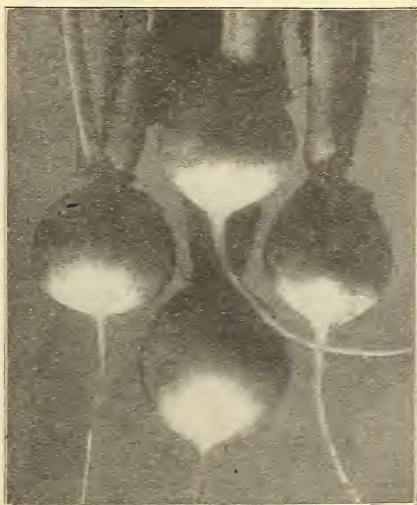
**Salsify, or Oyster Plant**

One ounce will sow about 50 feet of drill

**Culture.**—Sow the seed early in Spring in rows twelve inches apart and one deep; thin plants to four inches apart in row. For Winter use dig and place in cellar in boxes; cover roots with sand or soil. If left in ground till Spring, dig as early as possible. A deep, sandy soil is the best for good results.

**SANDWICH ISLAND MAMMOTH.** An excellent variety. Very smooth, fine quality, white, and grows double the size of the Long White.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



Radish, Early Scarlet Turnip, White Tip

## Spinach

One ounce will sow 50 feet of drill. Twelve to sixteen pounds will sow an acre.

**CULTURE.**—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop. For early use, sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any hardy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use, sow early in Spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

**ALL SEASON.** A superb variety for planting in rotation throughout the Summer. It does not run to seed as readily as the early varieties. The leaves are thick and tender, and quite crumpled.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**  
**KING OF DENMARK.** A new Summer Spinach that people who like this health-giving "green" should plant. Especially desirable for sowing during April and May. Being a vigorous and rapid grower it is ready for use practically as early as any, and will remain in good eating condition fully two weeks longer than most sorts. The plants are dwarf and stocky with large, rounded, crumpled or blistered leaves, extra large in size and of a deep green. Home gardeners will appreciate that now they can grow Spinach and enjoy a delicious vegetable from early Spring through the hot weather, for this new sort fills a long felt want, bridging the gap between the early Spring crop and the time when the New Zealand Spinach is ready.

**Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.**  
**LONG STANDING.** One of the very best long standing sorts. Excellent for Spring use.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**  
**NEW ZEALAND.** (Cut and Come Again). While not a true Spinach, it is commonly and popularly used as such. It grows luxuriantly during hot, dry weather when other Spinach would be nearly worthless, and continues to furnish nice greens through the Summer and Fall. As the seeds are large and tough coated, it is well to soak them a few hours before planting in rows 2 ft. apart and certainly 12 in. apart in the row. Pick the young leaves that will be found extremely tender and tasty. The large spreading plants with quantities of side shoots will thrive on any soil, rich or poor, and therefore has a wonderful planting possibility, deserving to be used in every small garden.

**Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.**  
**PRICKLY, or FALL.** Seed is prickly and triangular. Oblong, arrow-shaped leaves. Especially useful for Fall sowing. Vigorous and hardy.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**



Spinach



Squash, Blue Hubbard

### SPINACH—Continued

**ROUND CRUMPLED LEAF.** The market gardener's favorite, for either Fall or Spring sowing. Produces large, thick, dark green leaves, somewhat crumpled, and has the quality of standing a long time. Our strain of this superb Spinach is unexcelled, and perfectly hardy.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**

**SAVOY LEAF, BLOOMSDALE.** Very hardy, exceedingly popular. Productive, tender and excellent quality.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**

**VICTORIA.** Later than other varieties; remarkably fine texture. Dark green, heavy, crimped, fleshy leaves.

**Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.**

## SQUASH

Early varieties, one ounce sufficient for 50 hills.

**CULTURE.**—Before you plant Squash the ground must be warm and settled, the soil light and highly manured. Summer varieties should be planted from four to six feet apart each way in the hills, pressing the seed down firmly one inch deep. Late varieties in hills eight feet apart, covering the seed about one and one-half inches deep.

### Early Summer Varieties

**ARLINGTON SUMMER CROCKNECK.** Early, rather straight necked, and much larger than the ordinary Crockneck. Grows from 15 to 18 in. long and of the finest quality. Its handsome appearance commands an extra price in the market and is a favorite Summer Crockneck with the market gardeners.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.**

**COCOZELE BUSH (Italian Vegetable Marrow).** Fine quality. Oblong, with smooth skin; mottled dark green and yellow. **Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.**

**EARLY SUMMER CROCKNECK.** A favorite small, crooknecked Summer Squash. Skin bright yellow, somewhat warted.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.**

**EARLY WHITE BUSH SCALLOP, or PATTY-PAN.** Matures the earliest of any; very productive, light creamy color and scallop-shaped.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.**

**EARLY WHITE CROCKNECK.** Similar in shape to the Early Summer Crockneck, but much larger and with a creamy white skin.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.**

**MAMMOTH BUSH WHITE SCALLOP.** A selection from the ordinary variety, which it resembles with the exception of being larger; equally early.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.**

**YELLOW BUSH SCALLOP.** A reliable deep yellow Summer Squash of the Scallop type.

**Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.**



## Squash, Fall and Winter Varieties

One ounce for 20 hills; four to six pounds to acre.

**BAY STATE.** Of merit, because of its dryness of grain, sweetness and fine flavor. Its hard shell gives the assurance of being a good keeper. Is green; flesh bright golden yellow. Turban-shaped. A large yielder.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**BLUE HUBBARD.** The Squash "par excellence" today. A sport from the well known Hubbard, though resembling the Warted Hubbard, and excelling it in flavor and dryness. The fruit is gray-blue in color, grows very large, and is an exceedingly heavy cropper, being even more productive than any other strain of Hubbard. The shell is extremely hard and keeps splendidly. The meat is thick, fine grained, dry and very sweet.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**BOSTON GREEK.** The fruits are oblong and average about 12 in. in length; color dark green, often striped or mottled with lighter green or yellow. A much prized variety among the local Greeks and Italians.

Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**DELICIOUS.** For table use no Squash compares with it in its remarkable combination of fineness, compactness of grain, dryness, sweetness and exceedingly rich flavor. Its color is almost uniformly green in shade. Top-shape.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**ESSEX HYBRID.** Its shape is very distinct from other varieties, having on the blossom end a small, cap-shaped enlargement. Flesh is dry, sweet and thick, bright orange color. One of the best for keeping.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**GOLDEN HUBBARD.** Similar to the old variety of Hubbard except in color, which is reddish-yellow.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**HUBBARD.** The most popular of all Winter varieties; an excellent keeper. Is of large size, often weighing from nine to twenty pounds. Color bronze-green occasionally marked with a brownish-orange. Flesh is fine grained, dry and excellent flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**HUBBARD, WARTED.** Larger than the old variety and much more warted. Very dark green. Of best quality.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**MAMMOTH CHILL.** Round, flattened at both the stem and blossom ends. Outer color is rich golden yellow. It is the largest of the Squash family. Grown for exhibition and for stock feed.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. \$1.00.  
**PROLIFIC, or ORANGE MARROW.** For an early Fall Squash there is none to compare with this in earliness and productiveness, which are important features with the market gardener. Brilliant orange-red color, which makes it attractive in the market.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.  
**VEGETABLE MARROW.** Always in great demand throughout England, and can be raised equally as well in our climate. It is usually sown outdoors in May and planted in hills similar to Squash. Early with skin greenish-yellow; flesh white and rich flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.  
**VICTOR.** Rich orange-yellow. Hard shell, thickly covered with warts; very thick, solid flesh. Fine yielder, a splendid Fall and Winter variety.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.  
**WARREN.** A fine Turban Squash similar to Essex Hybrid, but much deeper in color.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.  
Any of the following: Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**BOSTON MARROW.** An early Fall sort of oval form with thin skin, and when ripe a light orange color. Good size and an excellent keeper.

**DELICATA.** Early, very prolific; orange-colored splashed and striped with very dark green.

**FAXON.** Squashes vary in color, some being pale green mottled and faintly striped. Excellent flavor.

**FORDHOOK.** Squashes are small and cream color, flesh is dry, sweet and one of the best in quality. Keeps throughout the Winter.

**GOLDEN BRONZE.** Very similar in form to the Prolific Marrow. Color is dark grayish-green; flesh bright yellow of fine grain and sweet, delicious flavor.

**MARBLEHEAD.** Skin is very light bluish-green. Flesh is of light color and very dry.

**WINTER CROOKNECK.** An old, well-known variety; one of the longest keepers that will often keep until the crop is gathered the following year.



# TOMATO

*One ounce will produce about 2,000 plants.*

**CULTURE.**—Of Tomatoes the varieties are numerous, some of them being very distinctive. However, there are many sorts of the large red varieties annually introduced and represented as being superior to all others which, as a rule, do not show variation enough to be classed as distinct varieties. The seed may be sown in hotbeds, with good bottom heat, in February or March; and when the plants are two or three inches high, transplant into other frames about four or five inches apart each way, or boxes or single pots which are to remain in the frames. Set the plants out in open ground, not earlier than the last week in May or first week in June. Being very tender they will not bear the least frost. Choose a light, sandy, or gravelly loam, in a well-sheltered situation, and with a southern exposure if possible, as early fruit is desirable. In such a location the plants may be set about four feet apart each way, using a large shovelful of well-rotted manure in each hill. On rich soils but little, if any, manure is necessary; and the plants will need to stand about six feet apart each way.

**TOMATO PLANTS.** See page 43.

## Forcing Varieties

**Best of All.** Fruit is produced in bunches and very solid. Is a strong grower; a superior forcing variety.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.**

### Comet.

*This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato.*

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

### Stirling Castle.

A superior forcing variety. Is an exceedingly heavy cropper, medium size, smooth, round and red color. This variety is one of the best European sorts and our seed is all imported.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**



Tomato, Sunrise

**LORILLARD.** One of the standard sorts for forcing under glass. Its red color, flavor, solidity and prolific bearing are its chief merits.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**  
**Sunrise.** (Early and prolific.) It is one of the finest Tomatoes for indoor and outdoor culture. It grows in clusters. The Sunrise sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruits smooth, of good form and size, very solid and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop. For this reason it is valuable for market purposes, especially for indoor growing.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

## Early Extra Varieties

**Bonny Best.** Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**  
**Belmont.** An extra early variety, quite popular in the Boston markets. Good size, smooth, bright red color.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

**Chalk's Early Jewel.** The earliest of the bright scarlet colored. Deep fruited and very hardy and solid.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

**ATLANTIC PRIZE.** One of the favorite extra early varieties. Fruit is red. Very solid, fine quality.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**  
**EARLIANA.** It is remarkable for its size and its earliness. Good form and wonderfully productive. A red color which is in demand in some markets.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**



Tomato Bonny Best



# TOMATO General Crop Varieties

**ACME.** Dark red color tinged purple. Good flavor. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**BEAUTY.** A very popular purplish-pink sort. Very solid, with tough skin, making it very desirable for shipping. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**CORELESS.** An excellent variety worthy of special mention as a perfect canning sort. Large size, globe-shaped, full at stem end, bright red, always free from green core. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Dwarf Champion** with firm, short stem joints, which make it self-supporting. Fruit is red with a pinkish tinge, medium size, good quality. On account of its compact habit, it may be grown closer than other varieties. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Dwarf Stone** Excellent quality, fine for home use. Its habit resembles the Dwarf Champion, fruit is color and shape of the Stone. Smooth, solid, bright red and very prolific.

**Favorite** Large fruit of a dark red color. Very popular early market variety. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**GOLDEN QUEEN.** The finest large yellow variety. Its handsome yellow slices make a beautiful contrast in a dish with the red Tomatoes.

**"John Baer"** Produces an enormous crop of perfect, solid, high crown, brilliant red shipping Tomatoes. Entirely free from core and ripens evenly right up to the stem. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Matchless** Fruits are a rich cardinal-red, remarkably solid and smooth, free from core and uniformity of the finest flavor. A strong, vigorous grower, producing Tomatoes of the largest size and of excellent keeping qualities. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.



Tomato, Stone

## Tobacco

**CULTURE.**—Sow in hotbed for early planting or sow in the open ground as soon as the ground is warm. Sow broadcast in rich, dry soil, pressing down firmly and cover lightly; water frequently. Set plants out first of June 3 feet apart each way in land heavily manured.

**CONNECTICUT SEED LEAF.** Saved from selected plants.

Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**HAVANA.** Imported seed. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

Each year we sell thousands of tomato plants in the best varieties. See page 43.

Baskets for Tomato plants see page 140



Tomato, Dwarf Champion

**PERFECTION.** Excellent for general crop. Smooth, round, blood-red in color, very solid, good yielding. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PONDEROSA.** Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor. Said to be remarkably free from acid. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**Red Rock** Of brilliant red color; one of the most solid, medium sized varieties. Medium early; one of the best for home or market gardening. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**ROYAL RED.** Skin and flesh intense red. Excellent for market purposes. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Stone** A great favorite with the market gardeners for the main crop. Is very large, bright scarlet color, smooth and excellent shipper. Always in demand. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

## Small Fruited Varieties for Preserving and Decoration

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.25.

**PEAR SHAPE, or FIG.** Fruit is yellow.

**RED CHERRY.** Small, red, borne in clusters.

**STRAWBERRY, or GROUND CHERRY.** Fruit is yellow; grows in husks; excellent for preserves.

**YELLOW PEACH.** Fruit is yellow, peach shape.

**YELLOW PLUM.** Lemon color, oval, smooth.

**RED PLUM.** Similar to above, only red.

**RED CURRANT.** Quite small.

## Tomato Trellises

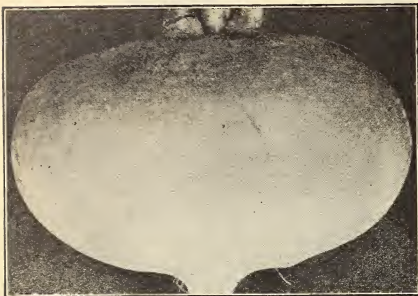
By supporting the plants less ground space is required, the fruit will ripen better and less will spoil. See page 150.



Tomato, Yellow Plum

# Turnips

One ounce will sow 100 feet of drill; one pound will sow one acre.



Turnip, Purple Top Strap Leaf

**EARLY SNOWBALL.** A nearly round, medium sized Turnip of fine appearance with a smooth white skin, maturing very early, being ready in six to eight weeks. The pure white flesh is very sweet, fine grained and tender. The tops are scant and short.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**EXTRA EARLY PURPLE TOP MILAN.** The earliest Turnip grown, being ready two weeks sooner than any other. Of medium size with very much flattened round roots, smooth and white with a purple red top. Leaves short and few. Flesh white and of splendid quality. Well adapted to Spring and Fall planting.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

**EXTRA EARLY WHITE MILAN.** The earliest white top Turnip. Of the same shape and size as the Purple Top Milan. Roots clear white, very smooth and symmetrical, at their best when two inches in diameter. Flesh white, tender and delicately flavored.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

**PURPLE TOP STRAP LEAF, or Red Top Early.** A widely cultivated and well known variety, more commonly used than any other for market or for feeding to stock. A quick grower, producing medium sized flat roots, regular in shape, purple red above ground, white below. Especially adapted to heavy clay soils. Flesh is fine grained, white and tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**PURPLE TOP WHITE GLOBE.** This excellent early variety is very much in favor with market gardeners. The roots are of a perfect globe shape, of good size and fine in appearance. Skin white with a purple top. A very productive sort and an excellent keeper. Best when three inches in diameter. The quality is superior, especially desirable for table use and greatly relished by stock.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**WHITE EGG.** Is of egg shape and very rapid grower; thin white skin. Solid, firm, fine grain flesh. Grows good size. Excellent for early or late keeping in the Fall. Matures very quickly and is adapted for either Spring or Fall sowing.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

## Yellow Flesh Varieties

Price: Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. 90c.

**LARGE YELLOW GLOBE, or Yellow Stone.** Color is pale yellow with greenish top. Globular shape. Excellent for general crop and table use. Smooth skin, firm and sweet. One of the best.

**ROBERTSON'S GOLDEN BALL.** Round, deep yellow color, medium size, very firm, hard and excellent flavor. A superior table variety. A good keeper and excellent for stock.

**YELLOW ABERDEEN, PURPLE TOP.** Bulbs globular form; deep yellow below ground, reddish purple above. Has a small tap root. Very solid and good quality. Valuable for feeding. Of large size and very productive.

**CULTURE.**—A light soil is the best upon which to grow Turnips. The flat or English varieties are extensively used as a late crop, and may be made to follow almost any other early crop. Fall Turnips may be sown from July 1 till about September 10, or, in favorable seasons, even later. These varieties are also used for early crops, the seed being sown in April.

## White Flesh Varieties

**BUDLONG'S IMPROVED, or Breadstone.** Half-long in shape; white, mild flavor. An excellent keeper.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**COWHORN, or Long White.** Rapid grower, long and Carrot shaped. Largely cultivated for feeding stock. Grows very quickly, partly above ground. Large size and smooth skin, of excellent quality for table use. A fine variety for turning under as a green manure in conjunction with Crimson Clover, and is highly suitable for this purpose.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.



Improved American Rutabaga Turnip

**SEVEN TOP.** Grown almost exclusively for the tops, which are used as greens. Without edible roots.

Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**SWEET GERMAN.** Late white.

Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. 90c.

## Rutabaga

SWEDISH, or RUSSIAN TURNIP

**CULTURE.**—The Swedish or Rutabaga varieties should be sown in drills 15 to 18 inches apart, at any time from June 1 to the middle of July, using about one pound of seed per acre. The plants should be thinned to about six or eight inches apart.

Price: Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. 90c.

**AMERICAN PURPLE TOP IMPROVED.** Market gardeners' favorite. More largely grown than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers.

**SHAMROCK YELLOW SWED.** Largely grown for market and home use. Yellow flesh, solid, good keeper.

**LARGE WHITE FRENCH.** Flesh is white, solid, mild and sweet. Excellent Winter variety.

**ST. ANDREW'S.** A popular variety in Boston markets. Flesh yellow with purple top.



## Vegetable Plants and Roots

Prices subject to change without notice. Not less than 6 at the dozen rate, nor less than 50 at the 100 rate. If wanted by mail be sure to allow for postage. Pot grown plants cannot be mailed.

## Asparagus Roots

150 roots will plant a bed 12x35 feet.

	Doz.	100	1000
Martha Washington (New). 2-yr. roots only	\$0.50	\$2.50	\$18.00
Conover's Colossal. 2-yr. roots	.40	1.50	12.00
Giant Argenteuil, 2-yr.	.40	1.50	12.00
Palmetto, 2-yr.	.40	1.50	12.00
Reading Giant, 2-yr.	.40	1.75	15.00
3-yr.	.50	2.50	18.00

**BRUSSELS SPROUTS.** A species of Cabbage growing immature heads from sides of the stalk. Ready for delivery about June 15. Doz. 30c., 100 \$2.00

## Cabbage Plants

Plants should be set about 2½ to 3 feet apart each way.  
April and May delivery. Doz. 100 1000  
Copenhagen Market. \$1.50 \$12.00  
Early Jersey Wakefield. 1.50 12.00

June and July delivery.  
Stone-Mason Drumhead. 1.00 6.00  
Globe Curled Savoy. 1.00 6.00  
Large Red Drumhead. 1.00 8.00

**CAULIFLOWER PLANTS.** Early Snowball. Plants. should be set 2½ to 3 ft. apart each way.  
May delivery. Doz. 30c., 100 \$2.00, 1000 \$15.00  
June and July delivery. 100 \$1.75, 1000 \$12.00

**CELERY PLANTS.** Doz. 100 1000  
Boston Market. \$1.00 \$3.00  
Giant Pascal. 1.00 8.00  
Paris Golden Early (Self Blanching). 1.00 8.00

**CHIVES.** For flavoring. Per bunch 25c., doz. \$2.50.

**EGG PLANTS.** Ready for delivery the latter part of May and June.

New York Improved. Pot-grown. Doz. \$1.25, 100 \$9.00

**HORSE-RADISH SETS.** Doz. 35c., 100 \$2.50, 1000 \$20.00  
By mail, doz. 45c. See page 25.

**LETTUCE.** Black-Seeded Tennis Ball. May Doz. 20c., 100 \$1.25, 1000 \$8.00.

**PEPPER.** Ready for May and June.  
Loose Plants only  
Doz. 100 1000  
Large Bell. \$0.30 \$2.00 \$15.00  
Squash. .30 2.00 15.00

**RHUBARB ROOTS.** Small Roots, each 15c., doz. \$1.50  
Medium Roots, each 25c., doz. \$2.50; Extra Large, each 50c., doz. \$5.00.

**SWEET POTATOES.** Yellow Nansemond. Will grow in quite ordinary soil with a light coat of manure and yield a large crop. If on good soil they will produce many specimens weighing from 3 to 5 lbs. each. An early variety, well adapted for cultivation in the Northern States. Doz. 30c., 100 \$1.50.

## Tomato Plants

We make a specialty of growing Tomato plants and can furnish the following varieties after May 10 in fine, strong, stocky plants. Plants sent by express only, purchaser paying transit.

**BOX-GROWN**  
Doz. 35c. If packed for shipment by express, doz. 45c., 100 \$2.75.  
Dwarf Stone, Dwarf Champion Stone, and Bonny Best.  
Prices per 1000 quoted on application

**POT-GROWN**  
Except as noted, Doz. \$1.00.  
Golden Queen, Ponderosa, Red Plum, Yellow Pear.  
Doz. 75c., if packed for shipment by express, doz. 85c.  
Bonny Best and Stone.

## Sweet, Medicinal and Pot Herbs

**Culture**—For early use sow seed in hotbed in March, or open ground in May in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

**Anise** (*Pimpinella anisum*). Hardy annual, used for garnishing and seasoning. Pkt. 10c., ½ oz. 15c.

**Balm** (*Melissa officinalis*). Used as a drink for the sick and for culinary purposes. Pkt. 10c., ½ oz. 15c., oz. 25c.

**Basil, Sweet** (*Ocimum basilicum*). Sow seed in April, indoors, in rich, light soil, and in beds in June. Pkt. 10c.

**Borage** (*Borago officinalis*). Used for flavoring, and flowers furnish bee pasture. Pkt. 10c.

**Caraway** (*Carum carui*). Grown for the seeds, which are used in flavoring. Pkt. 10c., ½ oz. 15c.

**Catnip, or Catmint** (*Nepeta cataria*). Used for medicinal purposes. Pkt. 15c., ½ oz. 30c.

**Coriander** (*Coriandrum sativum*). Young leaves used in soups and salads. Seeds in confectionary and for flavoring. Pkt. 10c., ½ oz. 15c.

**Dill** (*Anethum graveolens*). Leaves used for flavoring. Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

**Fennel, Sweet** (*Anethum foniculum*). Leaves used in fish sauces and for garnishing. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.

**Henbane** (*Hyoscyamus niger*). Contains medicinal properties. Pkt. 10c., ½ oz. 20c.

**Horehound** (*Marrubium vulgare*). The leaves and tops are popular as a medicine for subduing irritating coughs. Pkt. 10c., ½ oz. 30c.

**Hyssop** (*Hyssopus officinalis*). Aromatic evergreen bushy herb. Flowers and tops are used for medicinal purposes. Pkt. 10c., ½ oz. 30c.

**Lavender** (*Lavandula vera*). Flower spikes are dried for their peculiar lasting fragrance. Pkt. 10c., ½ oz. 25c.

**Marjoram, Sweet** (*Origanum marjorana*). Hardy perennial, its leaves used for flavoring. Pkt. 15c., ½ oz. 30c., oz. 50c.

**Mint** (*Mentha spicata*). Pkt. 25c.

**Opium Poppy** (*Papaver somniferum*). Opium; a milky juice is obtained by making incisions in the capsule. Seeds are used for bird food, under name of Maw Seed. Pkt. 10c., ½ oz. 20c.

**Pennyroyal** (*Mentha pulegium*). Leaves and tops used in culinary preparations and for medicinal purposes. Pkt. 15c., ½ oz. 40c.

**Rosemary** (*Rosemarinus officinalis*). Foliage used for medicinal purposes. Pkt. 15c., ½ oz. 20c.

**Rue** (*Ruta graveolens*). Hardy; leaves emit a powerful odor, and have an exceedingly acrid taste. Pkt. 10c., ½ oz. 25c.

**Saffron** (*Carthamus tinctorius*). Used in medicine and also in dye. Pkt. 10c., ½ oz. 25c.

**Sage** (*Salvia officinalis*). Used for seasoning. Pkt. 10c., ½ oz. 30c., oz. 50c.

**Summer Savory** (*Satureja hortensis*). Hardy annual. Aromatic tops are used for culinary purposes. Pkt. 10c., ½ oz. 25c.

**Thyme** (*Thymus vulgaris*). Leaves and tops are used for culinary purposes. Pkt. 15c., ½ oz. 35c., oz. 60c.

**Wormwood** (*Artemisia absinthium*). Leaves and tops are grown for medicinal use. Pkt. 15c., ½ oz. 25c.

Grow more legumes. They will improve your soil, and provide splendid forage.

## FARM SEEDS

Plant Millet this year as a "catch" crop. It is a fine forage plant.

Prices on this page variable during the season. Ask for quotations in large quantities.

Bags charged at cost; see inside rear cover.

Too much emphasis cannot be laid upon the importance of selecting the purest seed obtainable. Clean seed means clean crops. It is economy to buy the best, for results will justify the slight increase in cost over cheaper grades. The crop is what counts.

At the time our catalog goes to press it is quite impossible to accurately gauge future values, for the prices of Grasses and Grains fluctuate greatly and are always governed by market conditions. Write us for prices when you are ready to buy. Customers may, if they choose, without waiting for a quotation, place their orders with full confidence of fair prices consistent with the high grade of seed we distribute.



Buckwheat

**Barley.** Chevalier. A light colored kernel, seed is grown in Minnesota. It is generally recognized as the most reliable variety sold under all conditions. It is early, has a stiff straw, bearing up under plump heads of large grain.

Lb. 10c., 5 lbs. 30c., 15 lbs. 75c., 50 lbs. \$2.15.

**Beardless.** The earliest and hardiest of all. May be sown early in the Spring without danger from frost. The straw is heavy and stands up under a heavy crop. Being beardless it can be handled and threshed as easily as Oats. It is of much more value than common Barley for stock as it can be fed without danger of injury to the animals. Crops always show some bearded plants although our strain is exceptionally fine. Sow about 100 lbs. per acre.

Lb. 10c., 5 lbs. 35c., 15 lbs. 90c., 50 lbs. \$2.25.

**Two Row.** Succeeds best on rich lands more sandy and lighter than those adapted to Wheat. Can be grown farther north than any other grain. Unless intended for seed it should be cut before fully ripe as it is then heavier, of better quality and less liable to shell.

Lb. 10c., 5 lbs. 30c., 15 lbs. 75c., 50 lbs. \$2.00.

**Beans.** Soja (Soja hispida; Glycine hispida). A valuable legume that makes an ideal crop for plowing under to improve wornout soil. Excellent also as ensilage and green fodder, being rich in protein. Thrives during hot and dry weather. Sow in June at the rate of 30 lbs. per acre, in drills 30 inches apart.

**Medium Early Green.**

Lb. 20c., 5 lbs. 70c., 15 lbs. \$1.80, 50 lbs. \$5.00.

**Mammoth Yellow.**

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.00.

**Buckwheat** A desirable and profitable late Summer crop. Easily grown either as a green manure crop, for bee pasture, or for grain. Sow after June 15th, using 50 to 60 lbs. per acre.

**Japanese.** The most desirable variety. If sown at the same time as the Silver Hull it will ripen earlier and yield nearly double the amount. It is of much stronger growth than the common Buckwheat and the kernels are fully twice the size.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.00.

**Silver Hull.** The seed is light gray color, varying slightly in shape.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.00.

**Broom Corn** Improved Evergreen. The most popular variety of Broom Corn grown for market. The brush is of good length and retains the light green color when properly cured; shows almost no red color.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**Kaffir Corn** Has fine crop of foliage and if cut in early bloom the shoots that then follow will mature a full crop of seed and foliage. Both corn and fodder are excellent and the whole stalk tender to full maturity of seed. Price on application.

**Mulford Cultures,** for inoculation of Beans, see page 144. Use it by all means. It will pay.

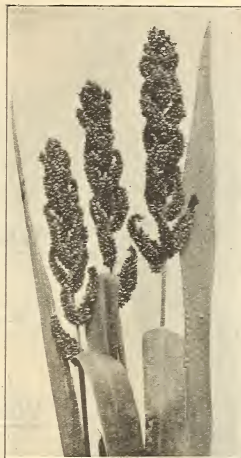


Soy Beans





Golden Millet



Japanese Millet



Hungarian Millet

## THREE POPULAR TYPES OF MILLET

## FARM SEEDS—Continued

**Millet**

One of the most important "catch" forage crops that can be grown. Is palatable to stock, nutritious, grows quickly, crops heavily, and is much in favor among dairymen. Thrives best on a deep, rich, warm soil.

**Golden, or German.** We have found the Southern grown Golden Millet far superior in quality and yield to the Northern grown seed and will produce an enormous yield of nutritious food. Succeeds in almost any soil. Sow in May or June, 50 lbs. to the acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.25, 50 lbs. \$3.50.

**Hungarian** (*Panicum Germanicum*). Probably used more than any other Millet for fodder during the Summer months. Remains green when almost all other vegetation has dried up. It is one of the very best plants for green fodder or for ensilage; makes hay of the best quality. Sow broadcast about 50 lbs. to the acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.25, 50 lbs. \$3.50.

**Japanese Barnyard Grass** (*Panicum Crus-galli*). Succeeds in almost any ordinary soil and may be sown from the middle of May to the first of July. Is distinct from other varieties. Enormous crop, grows from 6 to 8 feet high. Excellent either green or cured for hay. Exceedingly popular as a forage plant. Twenty-five pounds will sow an acre.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.05, 50 lbs. \$2.75.

**Seed Oats Selected.** An Oat of strong growth, ripening comparatively early. The heads are of good size, while the clean straw is stiff and bright. The essential point in successful Oat growing is to have a variety with stiff, strong, heavy straw and one that will withstand heavy winds. The grains are of good color, thin hull and heavy meat. This variety does well in our Eastern climate, particularly in dry seasons. Sow 100 lbs. per acre.

Lb. 10c., 5 lbs. 30c., 15 lbs. 80c., 50 lbs. \$2.50.

**Swedish Selected.** A variety greatly in favor and endorsed very highly wherever grown. It is the best drought-resisting Oat on record. The straw is stiff and strong as well as bright and clean. Pure white, large and plump kernels with a thin hull, heavy meat and soft nib. Medium early and the earliest of the heavy yielding varieties. Whether for home consumption or for market, it is a variety we highly recommend.

Lb. 10c., 5 lbs. 30c., 15 lbs. 90c., 50 lbs. \$2.75.

**Peas**

**Canada Field.** Valuable in Northern climates for cattle feeding, especially for milch cows. Also makes ensilage of fine quality. Usually sown broadcast and harrowed in at the rate of 150 lbs. per acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.35, 50 lbs. \$4.00.

**Cow Peas.** Each year the demand for Cow Peas increases, as the farmers find they are of great value as a soil enricher. Cut green they make excellent hay when treated the same as Clover, then the stubble with the new growth may be turned under as fertilizer. If Kafir Corn is sown with the Cow Peas it holds the vines off the ground.

**Price,** on the two most popular Southern Black varieties, on application.

**Whip-Poor-Will.** Light brown, speckled dark brown.

**Rape**

**Dwarf Essex.** Of great commercial value as a forage for stock and poultry. It will thrive on almost all soils, except light sand and stiff clays, or where most of our common vegetables will succeed. For Summer crops seed should be sown in May, but for late Fall crops sowings may be made in June and July. The best results are obtained if sown in drills about 30 inches apart to allow for horse cultivation, using 2 to 4 lbs. per acre. Seed may also be sown broadcast, but only when weather is moist enough that the soil will not dry too deep. It is usually ready for cutting in eight to ten weeks' time from seeding, and it is advisable to cut for cattle rather than turn them into a field; poultry may be turned into it to feed as soon as it has made sufficient growth. An exceptionally fine green feed for sheep and swine.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Rye**

**Spring.** For a catch crop this is best for sowing in the Spring, as you can obtain a crop by later sowing than any other grain, although it does not yield as large a crop of grain as the Winter Rye. Sow 60 to 90 lbs. per acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**Winter.** (Rosen type.) This should be sown in the Fall early enough to get a start and will stand our New England Winters. Ready for delivery in July.

Lb. 10c., 5 lbs. 35c., 15 lbs. 75c., 50 lbs. \$2.20.

**Mulford Cultures,** for inoculation of Beans, see page 144. Use it by all means. It will pay.



Oats

**VETCH—Continued**

**Winter, or Hairy Vetch** (*Vicia villosa*). Sand or Hairy Vetch is becoming more popular with those who wish to grow more forage, for it is especially adapted as a soil fertilizer. It succeeds and produces a good crop on poor, sandy soil as well as on good land, and is perfectly hardy. The root growth is very extensive and makes a quantity of nitrogen tubercles. Sow from July to November broadcast at the rate of from 20 to 30 lbs. to the acre, with one bushel of Oats or Rye, for either will assist in holding the Vetches off the ground, allowing a better growth and earlier harvesting. If sown alone, 30 to 40 lbs. per acre should be used.  
Lb. 25c., 5 lbs. \$1.10, 15 lbs. \$3.00, 50 lbs. \$9.50, 100 lbs. \$18.00.

**Wheat, Spring, Saskatchewan.** In the West where Wheat is grown largely this is pronounced by all the milling kings to be the largest yielder. Fifty bushels to the acre is not an uncommon yield. Sow 90 to 120 lbs. per acre.  
Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.05, 50 lbs. \$3.00.

**Marquis.** Matures extra early, has a heavy stalk, not quite as tall as Red type, which makes it less likely to lodge. The heads are extra heavy and beardless, producing a large, plump, dark red flinty kernel. The finest of all.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.00, 50 lbs. \$3.00.

**Wild Rice.** (*Zizania aquatica*). Splendid as a border for streams, and ponds with outlets. Water must be nearly fresh. The grain is excellent food for fish and wild-fowl. Seed must not dry out. Cultural directions furnished with each order. September and October delivery only.

Price on application.



Winter Wheat

**FARM SEEDS—Continued**

**Sudan Grass** A New Annual Forage Crop.

Sudan Grass is a drought-resistant hay crop of great merit. In dry sections it yields more forage than Millet; the hay which is relished by stock of all kinds is of better quality than Millet hay. As a result of extensive tests the Department of Agriculture reports that Sudan Grass will be extremely valuable in arid regions which have no other satisfactory hay crops. After the ground has become warm, seed may be sown broadcast at the rate of from 16 to 24 lbs. per acre; if planted in drills 18 to 24 in. apart, from 4 to 6 lbs. per acre will be sufficient.

Lb. 20c., 5 lbs. 90c., 15 lbs. \$2.55, 50 lbs. \$8.00.

**Sugar Cane** or Sorghum, Early Amber.

Valuable for the large amount of foliage, green fodder, it produces and for its grain. Ripens wherever Indian Corn matures.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Sunflower** Mammoth Russian. This is

the best variety for a farmer to grow; it reaches double the size of other sorts and yields twice as large a crop of seed, which is used largely for poultry as it has high feeding value.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Vetch, Spring, or Tares** (*Vicia sativa*). In New

England the Spring Vetch is hardy only in the southern part. It is excellent for Spring sowing and has a large yield of nutritious hay as well as being especially adapted as a soil improver and nitrogen gatherer. As the seed of the Spring Vetch is larger than the Winter it will not go so far in seeding and is sold at a lower price. If sown broadcast, sixty to one hundred pounds to the acre.

Lb. 15c., 5 lbs. 70c., 15 lbs. \$1.80, 50 lbs. \$5.00, 100 lbs., \$9.50.





A field of Improved Leaming Corn growing for ensilage in Woburn

## Field, Ensilage and Fodder Corn

Prices on Corn at our store, purchaser to pay the transit. Cloth bags for shipping Corn, Grain, Grass Seeds, etc., are charged at cost. See inside rear cover.

### FLINT VARIETIES

**EARLY CANADA.** Very early, ears medium size, usually ripens in August. Ripens well in the Northern States; a popular New England variety.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**LONGFELLOW.** Very largely grown in New England; is eight-rowed, yellow kernel and good size. Cob is quite small and ears are from 10 to 15 in. long. Ripens excellently in Massachusetts.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**SANFORD.** White. It is early, ears large, with a small cob and broad kernel. Very prolific and excellent quality. In some sections grown largely for ensilage Corn on account of its foliage.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**STICKNEY'S.** The Prize Winner Strain. On a measured field of nine acres, the harvest was 819½ bushels, an average of over 91 bushels per acre. The ear is much thicker than the Longfellow, cob is small, usually 8 rows of kernels, although sometimes it has 12 rows. The stalks grow about as high as the Longfellow, but the crop matures earlier. We believe it to be one of the largest yielding varieties of Flint Corn.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.50.

### SWEET CORN FOR FODDER

**STOWELL'S EVERGREEN.** (For Fodder.) A Sweet Corn too well known to need any description.

15 lbs. \$1.50, 50 lbs. \$4.00, 100 lbs. \$8.00.

**SUGAR CORN FOR GREEN FODDER.** We find many of our farmers favor this for ensilage purposes owing to the large percentage of saccharine matter in the stalks. To cut up and use for Corn fodder in the Fall there is nothing better. Especially good because of its thick growth and early maturity. Usually sown in drills for early Summer and Fall Corn at the rate of two bushels per acre in drills 4 feet apart.

15 lbs. \$1.50, 50 lbs. \$4.00, 100 lbs. \$8.00.

### DENT VARIETIES

In many localities in New England the Dent varieties have been grown very successfully. It is a fact that the yield is practically double that of the Flint varieties. We would recommend a part of your plantings of Field Corn to be of the Dent varieties.

**BREWER'S YELLOW DENT.** Strictly a New England variety that we have no hesitancy in recommending, for it has overcome all of the difficulties of ripening this Corn here in New England. This Corn was awarded

### DENT VARIETIES—Continued

First Grand Champion Prize at the Corn exhibit in Omaha; the yield from a measured acre was 133½ bushels of shelled Corn and a large amount of fodder.

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**EXCELSIOR ENSILAGE.** A variety that will mature quicker in our New England climate than any other variety of recent introduction. The stalks are tall and sturdy, attaining a height of 12 to 15 ft., with dense foliage. The yield in some instances has been as high as 29 tons of silage per acre, but is usually 20 to 25 tons per acre under ordinary cultivation after taking from 150 to 175 bushels of ears. It usually matures in 80 to 90 days to the glazed state, while in some Eastern states seed stock has been produced. Being a hybrid, the seed does not run uniform as to color, some showing red and white kernels as well as yellow, which predominate.

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**EUREKA ENSILAGE.** The tallest and best ensilage Corn; producing more valuable material for the silo than any other, and is also very productive of ears. Eureka is a choice selection of Southern Corn, and in its native latitude has shelled out 100 bushels to an acre. Its value is due to its enormous growth and great production of leaves and ears. Grows 12 to 15 ft. tall. Our seed of this popular white Dent sort has always given satisfaction.

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**LEAMING IMPROVED.** One of the most popular and productive varieties, bearing as a rule, two good ears on each stalk. The ears are long, with small, red cobs, well filled with kernels of medium size and rich golden color. It will ripen from 100 to 110 days, and makes a good crop even in a dry season. Very strong and vigorous, the stalks are very leafy, making an excellent fodder; the kernels are so deep that it is an extra large yielder. We recommend it highly.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.05, 50 lbs. \$3.00.

**MINNESOTA NO. 13.** A heavy yielding, very early yellow variety, maturing in 90 days of Corn growing weather. Grows to a height of 8 ft. furnishing a great amount of fodder. The ears are 8 in. long, with 16 rows of fairly deep kernels.

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**VIRGINIA MAMMOTH WHITE.** There is a great variety of white Corns from the South sold under various names. Our stock is produced in Virginia, and we have had excellent satisfaction with this variety. It grows large, plenty of foliage, excellent for either fodder or ensilage.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.05, 50 lbs. \$3.00.

Prices subject to change without notice.

Lawn Making, by Barron,  
\$1.90, postpaid, is the best book  
of its kind we can offer.

# GRASS SEEDS

Turf for Golf Courses by  
Pinefield Oakley, \$2.65, postpaid,  
will be found indispensable to  
green-keepers.

## For Pasture, Meadow and Lawn

Prices on this page variable during the season. Ask for quotations in large quantities.

Bags charged at cost; see inside rear cover.

Too much emphasis cannot be laid upon the importance of selecting the purest seed obtainable when laying down or renovating your meadow, pasture or lawn. Clean seed means clean crops. It is economy to buy the best, for results will justify the slight increase in cost over cheaper grades. The crop is what counts.

At the time our catalog goes to press it is quite impossible to accurately gauge future values, for the prices of Grasses and Grains fluctuate greatly, and are always governed by market conditions. Write us for prices when you are ready to buy. Customers may, if they choose, without waiting for a quotation, place their orders with full confidence of fair prices consistent with the high grade of seed we distribute.

**AWNLESS BROME GRASS** (*Bromus inermis*). A very hardy perennial of great value on poor and dry soils. Especially recommended for pastures, as it starts early in the Spring and stands trampling well, forming as it does a very tough sod. The hay is nearly equal to Timothy in palatability, and is relished by all kinds of stock, if cut just before flowering. If sown alone use 20 to 30 lbs. per acre.

**Price on application.**

**BEACH GRASS** (*Ammophila arundinacea*). Valuable on the sandy seashore, canal and railway banks, etc. Has strong, creeping and matting roots. 2 to 3 ft. Crop uncertain.

**Price on application.**

**CHEWING'S FESCUE**. An excellent grass of a wiry nature and dark green color for putting greens and fairways, giving fair results under trees. Creeping in character, makes a hardy, excellent turf. Once matted it is difficult for weeds to find a foothold. Useful also for hay and permanent pastures.

Lb. 60c., 5 lbs. \$2.70, 15 lbs. \$7.80, 50 lbs. \$26.00.

**CREEPIER BENT** (*Agrostis stolonifera*). Especially adapted to sandy situations. Useful for binding shifting sands or banks subject to wash. Early to start in

the Spring. 1 to 2½ ft. high. If alone, sow at the rate of 15 to 30 lbs. per acre.

**Price on application.**

**CRESTED DOG'S TAIL** (*Cynosurus cristatus*). A slightly tufted perennial grass which makes a low, dense growth early and stands hard wear. Is rarely sown alone, being generally used in lawn grass mixtures, for either sun or shade. Attains 1 to 2 ft. Desirable for hard, dry soils. Good for sheep pastures.

**Price on application.**

**HARD FESCUE** (*Festuca duriuscula*). A slender, densely tufted perennial grass 1 to 2 ft. high. Thrives on dry, sandy soils. Sow 30 lbs. to the acre.

Lb. 40c., 5 lbs. \$1.90, 15 lbs. \$5.40, 50 lbs. \$17.50.

**ITALIAN RYE GRASS** (*Lolium italicum*). A biennial variety, 1½ to 3 ft. high, flowering in June, at which time it should be cut for the best hay. It thrives on a variety of soils, but prefers moist, rich land. Starts quickly and seems to be especially adapted for pasture mixtures of short duration. Sow at the rate of 40 to 50 lbs. per acre.

Lb. 25c., 5 lbs. \$1.15, 15 lbs. \$2.85, 50 lbs. \$9.00.

**KENTUCKY BLUE GRASS** (*Poa pratensis*). Sometimes called "June Grass."

Without a rival as a pasture grass. Who has not heard of the famous pastures of the "Blue Grass" regions of Kentucky? Being of the perennial habit and with a creeping permanent stem, it will, when once established, last indefinitely, although it is somewhat slow to start and makes a rather slow growth the first year. Permanent pastures should not be grazed too closely at first. For lawns it is the main reliance, being adapted to a wide range of soils, failing only on those that are acid. Where it will not grow it is usually a sign that the land needs lime. It is a strong growing grass and generally crowds out the others in a few years, which is desirable for it possesses more good qualities than any other which can enter into a mixture. It makes a good, firm sod, and is particularly suited for turfing the slopes of terraces and embankments where the soil is good. Sow early enough in the Spring so that the grass will get a sufficient hold to resist the heat and drought of Summer; or, sown in the Fall, the seeding should be in the latter part of August or early in September. If sown at that time, the Fall rains will cause the seed to germinate quickly; if sown much later it is liable to be killed by frost. When sown alone, 30 to 40 lbs. required for one acre.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$18.50.

**MEADOW FESCUE** (*Festuca elatior*). A valuable hay or pasture grass. It will thrive in wet and moist clay lands; a rapid grower, tending to keep down coarser grasses which frequent such localities, forming a thick sod which will stand the trample of cattle. When sown alone, 40 lbs. are required for one acre.

Lb. 30c., 5 lbs. \$1.40, 15 lbs. \$3.45, 50 lbs. \$10.50.

**MEADOW FOXTAIL** (*Alopecurus pratensis*). Its chief use is as a pasture grass on moist, clay soils, being valuable because of its early and rapid growth. Eaten with a relish by all kinds of stock. It stands close grazing very well and is very desirable for sheep pasture on this account. Sow 15 to 25 lbs. per acre.

**Price on application.**



Orchard Grass

**A CYCLONE SEED SOWER** at a cost of only \$2.50 will pay for itself in one season in a saving of seed and evenness of distribution.





Timothy

Red Top

Kentucky Blue Grass

Red Clover

**ORCHARD GRASS** (*Dactylis glomerata*). It is very satisfactory for the meadow when sown with other grasses, the hay being very nutritious, but it should be cut when in blossom. It is not suitable to sow alone, because of its tufted habit. Especially adapted for shady places, particularly in orchards, wood lot pastures and on almost every soil not saturated with water. It is usually sown in the Spring, but under favorable conditions may be sown in the Fall. 30 to 40 lbs. of seed are required per acre.

**Lb. 35c., 5 lbs. \$1.50, 15 lbs. \$4.35, 50 lbs. \$13.50.**  
**RED TOP** (*Agrostis vulgaris*). A great favorite, succeeding in a great variety of locations, giving very good results on light soils, and the very best on heavy, moist soils or lowlands liable to overflow, which are so apt to be sour and acid. It does not thrive on sandy or leachy soil. The first year it grows somewhat slowly, spreading by creeping root stocks. 1 to 2½ ft. in height. Maturing at about the same time as Timothy it is used considerably with it and Red Clover, to make a heavier yield. Cut when in bloom in July. It is also a splendid grass for lawns, and is very commonly included in mixtures. 14 to 16 lbs. of fancy reseeded seed is the usual rate of seeding, but if in the chaff, double the quantity. **Fancy Cleaned.**

**Lb. 30c., 5 lbs. \$1.20, 15 lbs. \$3.30, 50 lbs. \$10.50.**  
**Unhulled.**

**Lb. 20c., 5 lbs. 90c., 15 lbs. \$2.40, 50 lbs. \$7.50.**

**ROUGH-STALKED MEADOW GRASS** (*Poa trivialis*). Highly esteemed in mixtures for permanent pastures. It is perennial. Succeeds best in soil rather moist and cool. 20 lbs. to acre.

**SHEEP FESCUE** (*Festuca ovina*). Is well adapted for cultivation on light, dry soils, especially those which are shallow. Sow 35 lbs. to the acre.

**Lb. 40c., 5 lbs. \$1.85, 15 lbs. \$5.25, 50 lbs. \$17.00.**

**SWEET VERNAL, ANNUAL** (*Anthoxanthum odoratum puelli*). Much smaller than the perennial, and of much less value, lasting one year only. 20 to 25 lbs. to acre.

**Lb. 35c., 5 lbs. \$1.50, 15 lbs. \$4.35, 50 lbs. \$13.50.**

**SWEET VERNAL, TRUE PERENNIAL** (*Anthoxanthum odoratum*). One of the earliest pasture grasses. Good also for lawn mixtures, lending fragrance when the lawn is freshly cut. Sow 2 to 5 lbs. per acre in a mixture. **Price on application.**

**TALL MEADOW FESCUE** (*Festuca elatior*). Tall and coarse. Height 3 to 4 ft. Does best on rich clay loam where it is very productive. Good for permanent pastures. Sow 40 lbs. per acre. **Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$18.50.**

**TALL MEADOW OAT GRASS** (*Avena elatior*). Most valuable for pastures on account of its early and luxuriant growth. Withstands extreme drought and heat or cold. 50 lbs. to the acre. Prefers sandy loam.

**Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$18.50.**

**TIMOTHY, or HERD GRASS** (*Phleum pratense*). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. The most profitable crops are obtained the first and second seasons. Timothy should be cut after the seed has formed and in full milk and at least 4 in. above ground. Sow alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover. It may also be sown with Wheat, Oats, or Barley. **Prices fluctuate.**

**Lb. 20c., 5 lbs. 80c., 15 lbs. \$2.10, 50 lbs. \$6.50.**

**VARIOUS-LEAVED FESCUE** (*Festuca heterophylla*). Grows naturally in open woodlands or along their borders. It makes its best growth on low-lying lands not too dry. Sow 40 lbs. to the acre. **Price on application.**

**WOOD MEADOW GRASS** (*Poa nemoralis*). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold. 30 lbs. to the acre. **Lb. \$1.00.**

**PERENNIAL RYE GRASS** (*Lolium perenne*). Considerably used in permanent pasture and lawn mixtures. If used for hay it should be cut when in blossom. It cures into a hay that is rather hard, but it is sweet, and is much relished by horses and cattle. Germinates quickly, producing a strong growth in four to five weeks after sowing, and tillers out close to the ground. It does best where the soil is not too dry. Biennial in habit. 1 to 2 ft. in height. Alone, use 40 to 60 lbs. per acre.

**Lb. 30c., 5 lbs. \$1.25, 15 lbs. \$3.45, 50 lbs. \$9.50.**

**PACEY'S PERENNIAL RYE.** Smaller seeded and finer leaved than the type. The smaller plants it produces are claimed to be more resistant to cold, and superior for turf on fairways where grass is needed quickly.

**Lb. 30c., 5 lbs. \$1.30, 15 lbs. \$3.30, 50 lbs. \$10.50.**

**RED FESCUE** (*Festuca rubra*). Of creeping character and because of its deep rooting tendency stands droughts remarkably well. Forms a close sod even in inferior soil, gravelly banks and hillsides. Sow 25 lbs. per acre.

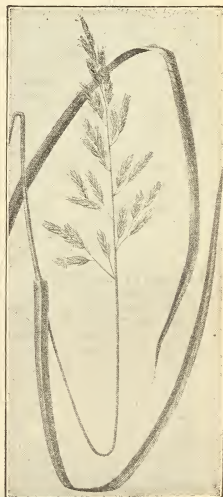
**Lb. 45c., 5 lbs. \$2.15, 15 lbs. \$6.15, 50 lbs. \$20.00.**

**RHODE ISLAND BENT** (*Agrostis canina*). Will thrive on poorer soils than Creeping Bent which it closely resembles.

Use 15 to 30 lbs. per acre.

**Lb. 75c., 5 lbs. \$3.00.**

**Lb. 85c., 5 lbs. \$4.00.**



Meadow Fescue

# CLOVERS

Prices on this page variable during the season. Ask for quotations in large quantities.

**ALFALFA** (*Medicago sativa*). Alfalfa is the mainstay of the cattle farmer, particularly of the dairyman. It requires a deep, fertile, well drained soil, rich in lime and free from weeds. The lack of any one of these may be the cause of failure. Well-rotted barnyard manure is a suitable fertilizer. Do not use fresh manure as it produces too many weeds. The young plants are very tender and if weeds are plentiful they will kill them out. Special care should be taken in preparing the soil. Land should be ploughed deep, harrowed and brushed and allowed to settle for some time before sowing. Alfalfa succeeds best if planted in late Summer and should be sown as far as possible in advance of what promises to be the most trying time for seedlings. Seed should be covered from three-quarters of an inch to one inch deep. Inoculation is one of the most favorable methods of securing a stand. (We recommend the use of "Mulford Cultures" for this inoculation.) All of our seed is northern grown and domestic. We do not handle foreign Alfalfa in any way, as much of it contains dodder and trefoil, the worst enemies of this crop. For one acre, use 20 to 25 lbs. seed.

**Lb. 40c., 5 lbs. \$1.85, 15 lbs. \$5.25, 50 lbs. \$17.00.**

**Grimm Alfalfa.** The Northern Minnesota Alfalfa, recognized as the very best selected sort for New England.

**Lb. 65c., 5 lbs. \$3.10, 15 lbs. \$9.00.**

**ALSIKE** (*Trifolium hybridum*). Intermediate in size between Red or White Clover, attaining 1 to 1½ ft. An excellent variety in mixtures for meadows or pastures. Never used for lawns. It is adapted to low, wet soils where other clovers cannot be grown with success. Very hardy and stands the extremes of our climate with the minimum of winter-killing. The hay is nearly equal to Alfalfa in feeding value. To seed an acre alone, use 15 lbs. **Lb. 30c., 5 lbs. \$1.40, 15 lbs. \$3.90, 50 lbs. \$12.50.**

**CRIMSON CLOVER** (*Trifolium incarnatum*). Although an annual that will not stand the Winters of New England, its uses are many and it is most valuable. It is excellent as a green manure crop, and is one of the very best crops for soil renovation. When used for hay it should be cut when coming into bloom. Properly cured it is richer in protein than Red Clover, and is very desirable for growing stock. It makes a fine cover crop for orchards, it being estimated that a good crop plowed under is worth 20 tons of stable manure per acre. While it makes its best growth on good loams, it will do better on poor soils than Red Clover. The best results are obtained from seed sown during July and August. 20 lbs. of seed are required per acre. **Lb. 20c., 5 lbs. 90c., 15 lbs. \$2.40, 50 lbs. \$7.50.**

**MAMMOTH CLOVER.** A species of Red Clover commonly known as "Sipping," "Eey Vine," "Bull," or "Perennial" Clover. It matures about two weeks later than the ordinary Red variety and is the preferable sort for New England. Mammoth Clover and Timothy are useful for seeding together on account of their blooming at the same time, and for the increased weight per acre over the ordinary Red Clover. Blooming late as it does, it has an advantage over the Red on account of the insect pests which injure the early flowering Clovers, and when used on poor soils produces better results than either Red or Alsike Clover. When grown for hay, cutting should take place when in early bloom before the stems become woody. Particularly valuable as a soil improver because of the heavy growth that can be plowed under. Seed required for one acre, 15 lbs.

Price on application.

**RED CLOVER** (*Trifolium pratense*). The principal leguminos crop the country over, it being used for both hay, and pasture. It can profitably be used as a soil improver because of its ability to build up the supply of nitrogen in the soil through the bacteria which live on its roots. Red Clover will not succeed on poorly drained or boggy soil but will produce abundantly on any soil adapted to Corn. It grows poorly on soils deficient in lime. It may be seeded in the early Spring or in the Fall. If in the Spring, the best time for sowing is when the ground is freezing and thawing, while in the Autumn sow about six weeks before frost. It is frequently sown for hay with other grasses, a good combination being 5 lbs. of Red Clover, 15 lbs. of Timothy, and 5 lbs. of Red Top. The best results to be obtained for hay is to cut when just past full bloom, containing at this time the maximum of protein and dry matter. Quantity required to seed one acre, 15 lbs.

**Lb. 40c., 5 lbs. \$1.50, 15 lbs. \$5.10, 50 lbs. \$16.50.**

**SWEET CLOVER** (*Melilotus albus*). A biennial, whose great value as a soil renovator has only recently made it popular. Nothing can be grown as a crop previous to Alfalfa with better results than White Sweet Clover, for it not only inoculates the soil but does much toward breaking up and aerating the subsoil. While it produces abundantly on good soils, it will thrive on most soils too poor for other crops. Where lime is deficient it should be supplied, however. While it has a value for either hay or pasture, it does not compare with other varieties of Clover. As a honey plant it is much in favor, remaining in bloom as it does for a long period. Sweet Clover succeeds best when sown alone at the rate of 30 lbs. per acre, either in the Spring or Fall.

To eradicate, mow it when in full bloom that it may not reseed itself.

**Lb. 30c., 5 lbs. \$1.30, 15 lbs. \$3.60, 50 lbs. \$11.50.**

**WHITE CLOVER** (*Trifolium repens*). Also called White "Dutch" Clover or Lawn Clover. Essentially a pasture grass, but it is a favorite with many because of the beauty of its pinkish blossoms that dot a lawn here and there when used in lawn mixtures. It makes its best growth during wet seasons and on heavy, moist soils, but it will thrive almost anywhere if not too dry. Extreme drought may cause it to disappear for a time, but it usually makes a luxuriant growth again with the return of rains. Being of a low creeping habit, White Clover makes a dense, quickly spreading growth of a pleasing smoothness, but it cannot stand rough usage. Extensively used for bees, making the

best quality of honey. As the seed is fine and the amount used by any individual is small, it is poor economy to try to save a few cents on its cost. Get the best. 8 to 10 lbs. will sow an acre.

**Lb. 70c., 5 lbs. \$3.45, 15 lbs. \$10.00, 50 lbs. \$33.00.**

## Clovers Are a Necessity on Every Farm

Clovers enrich the soil, for their roots gather immense quantities of nitrogen fixing bacteria, which take nitrogen from the air and leave it in the soil in a form readily available for growing crops. Nitrogen is the most expensive chemical to buy in fertilizer. Why not make use of this cheap source and encourage their growth by the use of **MULFORD CULTURES**. The standard brand that improves your crops.

½ acre size 75c., acre size \$1.50, 5 acre size \$5.00







## Grass Mixtures For Permanent Mowing

Though many farmers so rotate their crops that permanency is not of great consideration, there are always locations that must remain permanent meadows. It is a known fact that failure is practically impossible when a mixture of grasses is sown. The crops will also be larger and more satisfactory when kinds are used that ripen together, hence our belief in the desirability of the following mixtures:

### Use on medium soil

2 lbs. Hard Fescue  
6 lbs. Kentucky Blue  
1 lb. Meadow Foxtail  
4 lbs. Orchard Grass  
4½ lbs. Perennial Rye  
5 lbs. Red Top Fancy  
½ lb. Sweet Vernal, Annual  
17 lbs. Timothy

40 lbs. will sow 1 acre.  
\$13.00

### Use on dry soil

3 lbs. Hard Fescue  
5 lbs. Orchard Grass  
2½ lbs. Perennial Rye  
5 lbs. Red Top Fancy  
1 lb. Rough Stalked Meadow  
5 lbs. Sheep Fescue  
¼ lb. Sweet Vernal, Annual  
4 lbs. Tall Meadow Oat  
14 lbs. Timothy

40 lbs. will sow 1 acre  
\$13.00

### Use on heavy, moist land

2 lbs. Creeping Bent  
6 lbs. Kentucky Blue  
3 lbs. Meadow Fescue  
4 lbs. Orchard Grass  
7 lbs. Perennial Rye  
5 lbs. Red Top Fancy  
1 lb. Tall Fescue  
2 lbs. Tall Meadow Oat  
10 lbs. Timothy

40 lbs. will sow 1 acre  
\$15.00

## Grass Mixtures For Permanent Pastures

These mixtures are composed of grasses that give a succession of rich pasturage from early Spring to late Fall. The formula for each has been prepared carefully, and we recommend it as being as correct as possible for the situation described.

### Use on medium soil

2 lbs. Hard Fescue  
6 lbs. Kentucky Blue  
2 lbs. Meadow Fescue  
2 lbs. Meadow Foxtail  
4 lbs. Orchard Grass  
6 lbs. Perennial Rye  
5 lbs. Red Top Fancy  
1½ lbs. Sheep Fescue  
½ lb. Sweet Vernal Perennial  
3 lbs. Tall Meadow Oat  
8 lbs. Timothy

40 lbs. will sow 1 acre  
\$15.00

### Use on dry soil

4 lbs. Creeping Bent  
2 lbs. Hard Fescue  
5 lbs. Orchard Grass  
4 lbs. Perennial Rye  
4 lbs. R. I. Bent  
6 lbs. Sheep Fescue  
½ lb. Sweet Vernal Perennial  
4½ lbs. Tall Meadow Oat  
10 lbs. Timothy

40 lbs. will sow 1 acre  
\$15.00

### Use on heavy, moist land

4 lbs. Kentucky Blue  
5 lbs. Meadow Fescue  
1 lb. Meadow Foxtail  
5 lbs. Orchard Grass  
8 lbs. Perennial Rye  
5 lbs. Red Top Fancy  
1 lb. Rough Stalked Meadow  
1 lb. Tall Fescue  
10 lbs. Timothy

40 lbs. will sow 1 acre  
\$15.00

**Hints on Sowing.** Carefully prepare land. Pains taken before sowing will be amply repaid. Select a clear, calm day for sowing. Scatter the seed across the field in both directions to secure a more even distribution. Use a Cahoon Seeder if sowing large areas. (See page 147). Its cost will be quickly saved. If seed is sown in the Spring it should be done early while the land is cool and moist. If in the Fall, as far in advance of frost as practicable. Remember that Clover seed is much heavier than other kinds of grass seed and will settle to the bottom in any mixture. If not carefully mixed before sowing it will be patchy. We recommend sowing 10 lbs. mixed Clover seed per acre in the Spring while the ground is honeycombed by frost.

Purchaser pays transportation. Bags extra at cost.

## Lawn Seed Mixtures

See also inside front cover, pages 6 and 8.

### Franklin Park Lawn Seed

The best for sunny situations. ¼ lb. 30c., 1 lb. 50c.,  
2 lbs. \$1.00, 4 lbs. \$2.00, 8 lbs. \$4.00, 16 lbs. \$7.50,  
32 lbs. (1 bus.) \$14.00, 100 lbs. \$40.00.

### Shady Spot Lawn Seed

None better for shady spots. ¼ lb. 20c., ½ lb. 30c.,  
1 lb. 50c., 2 lbs. \$1.00, 10 lbs. \$4.00, 25 lbs. \$9.50, 50 lbs.  
\$18.00, 100 lbs. \$35.00.

# FLOWER SEEDS

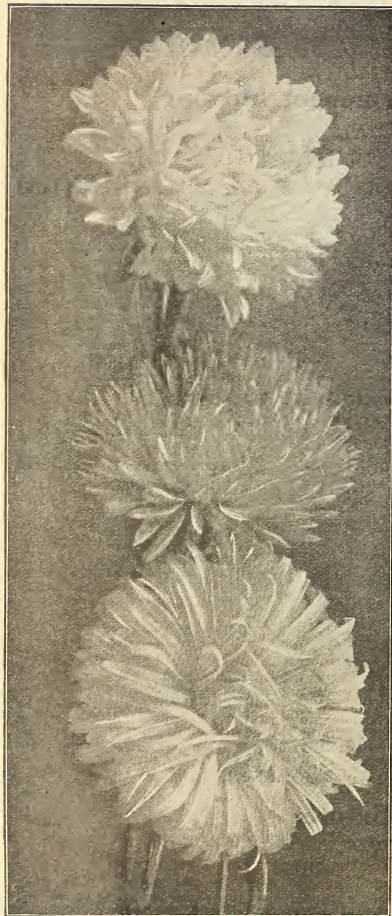
## A Select List of the Best the Market Affords

**We deliver all Flower Seeds free by parcel post.**

The following abbreviations are used throughout our list:

- A. **Annuals.** Seed sown in Spring will flower and mature seed in one season.  
H.H.A. **Half-Hardy Annuals.** Seed should be sown in green-houses or hotbeds during March and April and transplanted in open ground latter part of May.  
H.A. **Hardy Annuals.** Seed may be sown in the open during March and April and will endure ordinary weather to November.

- B. **Biennials.** Seed should be sown from June to August, to flower the next season. Seeds of many varieties, if sown in February, will flower same season.  
H.B. **Hardy Biennials.** May be treated same as Hardy Annuals, flowering next season.  
H.H.B. **Half-Hardy Biennials.** Seed should be sown in green-houses or coldframes, transplanted in the open latter part of May and require Winter protection.  
P. **Perennials.** Seed should be sown in June, July or August, to flower the next season and continuing each succeeding year.  
H.P. **Hardy Perennials.** Do not require Winter protection.  
H.H.P. **Half-Hardy Perennials.** Require slight protection during Winter months.  
G.P. **Greenhouse Perennials.** Require the protection of hot-house during Winter.  
G.A. **Greenhouse Annuals.** Require greenhouse temperature at all times; includes such plants as Cineraria and Cyclamen.



## Suburban Garden Collections

**Annual Collections.** These varieties will do well in small suburban gardens and produce an abundance of flowers from early Summer until frost under varied soil and other conditions. They have been carefully selected from varieties which are easily grown and well adapted for small or large gardens.

<b>COLLECTION OF ANNUALS, 14 varieties.</b>	<b>\$1.00</b>
<b>DWARF NASTURTIUMS, 50 varieties.</b>	<b>.50</b>
<b>DWARF NASTURTIUMS, 12 varieties.</b>	<b>1.00</b>
<b>TALL NASTURTIUMS, 6 varieties.</b>	<b>.50</b>
<b>TALL NASTURTIUMS, 12 varieties.</b>	<b>1.00</b>
<b>New and later varieties of ORCHID or SPENCER</b>	
<b>SWEET PEAS, 12 choice varieties.</b>	<b>1.00</b>
<b>ANNUAL POPPIES, 6 choice varieties.</b>	<b>.25</b>
<b>ANNUAL CLIMBERS or VINES, 8 varieties.</b>	<b>.50</b>
<b>FRAGRANT FLOWERS, 6 varieties.</b>	<b>.50</b>
<b>ORNAMENTAL GOURDS, 6 varieties.</b>	<b>.25</b>
<b>EVERLASTING FLOWERS, 6 varieties.</b>	<b>.50</b>
<b>AMERICAN BRANCHING ASTERS, 6 choice colors.</b>	<b>.50</b>
<b>DOUBLE GIANT FLOWERING ZINNIAS, 12 colors.</b>	<b>1.50</b>

**Perennial Collections.** The demand is steadily increasing for the flowers which do not require planting each season. The following collections will, without doubt, give excellent satisfaction to those interested in this class of beautiful plants.

We advise planting the seeds of perennials as early as June or July, so as to obtain strong plants, which will become well established to withstand the Winter.

We include in the following collections such varieties as Canterbury Bells, Columbine, Foxglove, Hollyhock.

<b>Collection of 20 varieties.</b>	<b>\$1.50</b>
<b>Collection of 10 varieties.</b>	<b>.85</b>

## WILD GARDEN MIXTURE

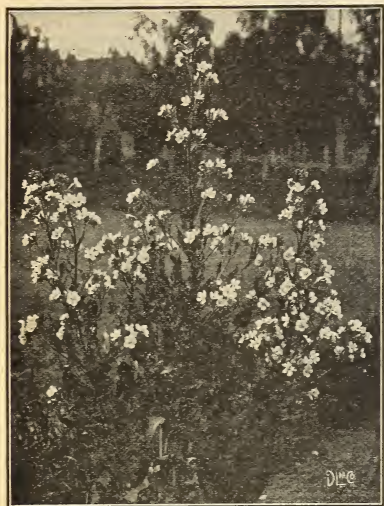
Our Wild Garden Mixture has gained great popularity among gardeners, having proven a marked success with many amateurs as well as professionals, because of its splendid variety in the most pleasing array of colors that are brilliant throughout the blooming season. It is composed of annuals, for both cutting and bedding effects. It is selected with care from our extensive flower seed list. One can watch it during the Summer with intense interest for something is continually coming into bloom. The return will be great from a very small investment either of labor of sowing, after care, or money outlay. We can heartily recommend it for the modest and the most pretentious garden.

Especially valuable for odd patches here and there where an informal effect is wanted, in what might otherwise be waste places, corners where weeds seem to predominate, and where the soil may be only moderately rich.

Resolve to give it a trial this year.

<b>TALL WILD GARDEN MIXTURE.</b>	<b>Pkt. 20c., oz. 35c.,</b>
<b>1/4 lb. \$1.25.</b>	
<b>DWARF WILD GARDEN MIXTURE.</b>	<b>Pkt. 20c., oz. 35c.,</b>
<b>1/4 lb. \$1.25.</b>	





Anchusa

**Achillea.** (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; No. blooms from June till October. Pkt.

30 **The Pearl.** Pure white,  $2\frac{1}{2}$  ft.  $\frac{1}{4}$  oz. \$1.00 \$0.15

**Aconitum.** (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.

40 **Finest Mixed.** 3 ft. ....  $\frac{1}{4}$  oz. 50c. .10

45 **Napellus.** Blue. 3 ft. ....  $\frac{1}{4}$  oz. 50c. .10

58 **Tauricum.** Dark violet. 3 ft. ....  $\frac{1}{4}$  oz. 60c. .10

**Acroclinium.** (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.

60 **album** f. pl. Double white. 1 ft. Oz. 60c. .05

70 **roseum** f. pl. Double rose. 1 ft. Oz. 50c. .05

## Adonis.

85 **æstivalis** (Flos Adonis). H. A. Deep green foliage and scarlet flowers.  $\frac{1}{4}$  oz. 25c. .10

90 **autumnalis** (Pheasant's Eye). H. A. Flowers crimson, dark center, 1 ft.  $\frac{1}{4}$  oz. 25c. .10

95 **vernalis.** H. P. Finely cut foliage, bright yellow flowers, blooming early in May .10

**Agathea** (Blue Marguerite). Free-blooming, tender perennial, with blue, Daisy-like flowers. Fine for Winter flowering.

100 **celestris,**  $1\frac{1}{2}$  ft. ....  $\frac{1}{4}$  oz. 60c. .15

**Ageratum.** H. H. A. Flowers forming in heads and blooming continually all summer. Valuable for borders and edgings.

105 **Lasseauxi.** Rose colored, 18 in.  $\frac{1}{4}$  oz. 40c. .10

110 **Mexicanum.** Light blue, 18 in. Oz. 75c. .10

120 **Blue Perfection.** Dark blue, 18 in. \$1.25 .10

125 **Dwarf Imperial.** White. .... Oz. 60c. .10

130 **Dwarf Imperial Blue.** Deep blue.  $\frac{1}{4}$  oz. 25c. .10

135 **Swanley Blue.** Fine for bedding. 9 in. .10

140 **Little Dorrit.** Azure blue. ....  $\frac{1}{4}$  oz. 30c. .10

150 **Princess Victoria Louise.** Bright blue white center. 8 in. ....  $\frac{1}{4}$  oz. 75c. .10

**Agrostemma.** Free-flowering, with attractive bright colors, on long slender stems like a single pink.

No. Pkt.

155 **Cœli-rosa** (Rose of Heaven). H. A. Bright rose. 18 in. .... Oz. 50c. \$0.10

170 **Flos-Jovis** (Dove Flowers). H. P. Bright pink. 18 in. .... .10

**Aloysia** (Lemon-scented Verbena). G. P. Fragrant foliage; useful for bouquets.

185 **citriodora.** 2 ft. .... .10

**Alyssum, Sweet.** H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.

195 **Benthami** (Sweet Alyssum). Fragrant. 10 in. .... 4 oz. \$1.00, oz. 35c. .05

205 **Little Gem.** Dwarf white. 4 in. Oz. 75c. .10

210 **"LITTLE DORRIT."** The most dwarf variety, forming a perfect little bush, with miniature white rocket flowers; a perfect gem for edging. .... Oz. \$1.25 .10

215 **Carpet of Snow.** (Procumbens). Pure white, very dwarf and sweet. 4 in. ....  $\frac{1}{4}$  oz. 20c. .10

218 **Lilac Queen.** Beautiful lavender lilac color. ....  $\frac{1}{4}$  oz. 20c. .10

## HARDY ALYSSUM.

220 **Saxatile Compactum** (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens. ....  $\frac{1}{4}$  oz. 25c. .10

## Anchusa.

260 **"Dropmore Variety."** One of the best blue perennials. H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and very late into the Fall. 4 to 5 ft. ....  $\frac{1}{4}$  oz. 40c. .20

275 **capensis** (Summer Forget-Me-Not). H. A. A beautiful border plant with branched heads of azure blue with white eye. If sown in April will be in bloom by July. 2 ft. .... .10

**Anemone.** H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.

290 **Single De Caen** (Wind Flower). Mixed. 9 in. ....  $\frac{1}{4}$  oz. 25c. .10

295 **St. Brigid** (Irish Anemone). Extra large. 9 in. ....  $\frac{1}{4}$  oz. 30c. .15



Aquilegia, or Columbine (See pages 54 and 119)



For gorgeous coloring few flowers can match Snapdragons.

## ANTIRRHINUM (Snapdragon)

For Plants, see page 124.

Half-hardy perennial treated as an annual. One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. Grown extensively under glass in the Winter. Seed sown in the house or hotbed during February or March will flower in July and continue until frost.

### TALL GIANT FLOWERING ANTIRRHINUMS

No.		Pkt.
309	Feltham Beauty. Lovely deep pink rose with white center. Very strong and free-flowering.....	\$0.15
313	Daphne. Pearly pink.....	1/4 oz. 50c. .10
314	Fawn. Terra cotta pink, suffused pale yellow.....	1/4 oz. 75c. .10
	Harmony. Rich terra cotta orange, shaded with rose and merging into a golden yellow at the center.....	.35
315	Finest Mixed.....	1/4 oz. 35c. .10
318	Venus. New. Delicate rose with white throat.....	1/4 oz. 75c. .10
320	Pure White (Queen Victoria).....	1/4 oz. 50c. .10
325	Scarlet (Firefly).....	1/4 oz. 35c. .10
330	Yellow King.....	1/4 oz. 50c. .10
335	Rose (Cottage Maid).....	1/4 oz. 35c. .10
340	Delicate Rose.....	1/4 oz. 50c. .10
345	Salmon Pink (Self).....	1/4 oz. 50c. .10

### INTERMEDIATE GIANTS

395	Finest Mixed.....	1/4 oz. 40c. .10
	Climax. Orange, shaded gold.....	.35
	Empress. Rich velvety crimson.....	.35
	Collection of 6 distinct varieties.....	.50

### DWARF LARGE-FLOWERING ANTIRRHINUMS

430	Finest Mixed.....	1/4 oz. 40c. .10
	Tom Thumb "Beauty." Brilliant carmine rose.....	.35
	Collection of 6 distinct varieties.....	.50

## ANTIRRHINUM FOR FORCING

	Pkt.
DAVIS' PINK (The newest and best of all.) The finest Snapdragon to date. Grows 4 feet or more in height with solid spikes of flowers 16 to 20 inches long, of a beautiful Killarney pink. An unequalled bloomer and the most profitable Snapdragon ever grown. Late bloomer.....	\$1.00
SILVER PINK. One of the most popular. An excellent sort for hothouse use.....	1.00
GOLDEN PINK QUEEN. A truly golden pink, the colors softly blending with a silvery touch. It is a strong grower, with heavy compact spikes, perfect habit, growth and productiveness.....	1.00
HELEN (New). Delicate salmon.....	1.00
PHILADELPHIA PINK. A splendid pure pink.....	1.00
KEYSTONE. Delicate light shade of clear self pink.....	.60
NELROSE. One of the choicest varieties of pink for florists.....	.60
PHLEYS' WHITE. Fine, tall spikes; pure white. Fine forcer.....	.60
YELLOW. Rich golden yellow.....	.60
GARNET.....	.60
LIGHT PINK.....	.60

## AQUILEGIA (Columbine)

For Plants, see page 119.

H. P. One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups; among shrubbery. Requires a moist soil.

No.		Pkt.
440	ENGLISH LONG-SPURRED HYBRIDS	
	Choicest Mixture. 3 ft. .... 1/4 oz. 75c.	\$0.15
	Mrs. Scott Elliott's Hybrids. These charming flowers have given splendid satisfaction among a host of our friends. The leading horticultural societies, here and abroad, have always given them awards as being of the finest strain. The mixture of colors is unique and very striking.....	.35
450	Single, Finest Mixed.....	3 ft. .... 1/4 oz. 60c. .10
455	Double, Finest Mixed.....	3 ft. .... 1/4 oz. 75c. .10
460	alba plena. Double white. 3 ft. .... 1/4 oz. 30c.	.10
465	California hybrid. Golden yellow. 2 ft. .... 1/4 oz. \$1.00	.10
470	Canadensis. Scarlet and yellow. 2 ft. .... 1/4 oz. \$1.25	.10
475	chrysanth. Bright yellow. 2 ft. .... 1/4 oz. \$1.50	.10
478	caerulea candidissima. New. Double white caerulea. Violet blue and white. Extra large. 2 ft. ....	1/4 oz. \$1.25 .10
480	delicissima. Of the most delicate the satin-rose of the extremely long spurs passing imperceptibly into the delicate light yellow of the crown. 3 ft. ....	1/4 oz. \$1.50 .25
500	chrysanth. grandis. Dark blue rose with long spurs. 2 ft. ....	1/4 oz. \$1.00 .20
505	Helena. Dark blue, long spurred. 2 ft. ....	.20
515	Jetschaul. Large yellow flowers, red spurs. 2 ft. ....	1/4 oz. \$1.00 .10
525	Rose Queen. Light pink rose with white center, yellow anthers and long spurs. 2 ft. ....	1/4 oz. \$1.25 .25
530	Stuarti. Dark blue, white corolla; extra large. 2 ft. ....	.25
<b>Arabis.</b> (Rock Cress). H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.		
540	alpina. 9 in. ....	1/4 oz. 25c. .10
<b>Arctotis.</b> H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across.		
555	grandis. 2 1/2 ft. ....	1/4 oz. 30c. .10
<b>Armeria</b> (Thrift, or Sea Pink). H. P. Pretty little plants for borders.		
575	formosa. Deep rose; double. 6 in. ....	.10
580	formosa alba. Pure white; double. 6 in. ....	.10



No.		Pkt.	No.		Pkt.
	<b>Asclepia.</b> (Milkweed, or Swallow-Wort) H. P. One of the most showy perennials; excellent for shrubbery, sunny borders and damp places.		605	<b>ASPARAGUS</b> <b>Sprengeri.</b> Drooping, feathery foliage; excellent for hanging baskets. Oz. \$1.00	\$0.15
590	<b>ruberosa.</b> Bright orange. 2 ft. ¼ oz. 60c.	\$0.15		<b>Asphodelus.</b> (King's Spear). H. P. Thriv- ing well in any soil, bearing long spikes of flowers. Succeeds well in open and shady borders.	
	<b>ASPARAGUS.</b> G. P. An excellent pot plant for conservatory or house decoration.		620	<b>luteus.</b> Yellow, sweet-scented. 2 ft. ¾ oz. 35c.	.10
600	<b>plumosus nanus.</b> Feathery, fern-like follage. 18 in. .... 100 seeds \$1.00	.25			



## ASTERS

See also Novelties on page 3. For Plants, see page 124.

Plant Asters that you may have cut flowers of delicate shades in profusion when the garden is usually a riot of yellows and scarlets. Fall is the time when one appreciates such tints most. By good cultivation long stems and fine large flowers can be had in abundance.

It is well to obtain your seed early and start it in a hotbed in February or March that the seedlings may be transplanted at least once before setting in the open in May. Sow thinly in unfertilized soil in preference to rich compost. Cover lightly, water freely, and keep somewhat shaded at first, allowing free exposure to light and air when well started to produce sturdy plants that are the least subject to damping off and other diseases.

In the garden, place in rows 15 inches to 2 feet apart and from 12 to 15 inches between the plants in accordance with the needs of the various types and varieties, and quantity to be set.

By this method plants can be had that will bloom during the longest possible season, but it is not to be supposed that good results cannot be had from planting seed directly in the open during April and early May as many flower-lovers will testify.

No. 625 **Arlington Prize Mixture.** A choice mixture of the best varieties for the most critical gardeners which contains all of the various types, together with almost every color, which enables the purchaser to procure the finest assortment of kinds and colors in a single package. Pkt. 10c., ½ oz. 60c., oz. \$4.00.

**Rochester Asters.** Of fine branching habit, with very large flowers and long, narrow, twisted petals. A superb type.

No.		Pkt.
645	<b>Lavender Pink.</b> The flowers of this new color are more double; for while this sort is an exceedingly fine shade of lavender pink, the blooms have the great size of those of the branching plant without any trace of a center.	\$0.15
650	<b>Pink.</b> Flowers of an exquisite shade of shell-pink	.15
653	<b>Rose.</b> Beautiful rose pink	.15
655	<b>White.</b> Pure white	.15
690	<b>PINK BEAUTY.</b> A magnificent sort of upright growth, with very large, delicate, bluish-pink flowers	¼ oz. \$1.50 .10

**King Asters.** Has met with general favor. Has petals somewhat resemble the quilled varieties, being larger and broader, those in the center being curled and incurved. Plants quite upright in form.

No.		Pkt.
735	<b>LAVERNER KING.</b> The flowers are very double; large and quite fluffy. A deep lavender of a very pleasing shade	\$0.15
740	<b>ROSE KING.</b> Extra large, brilliant deep rose. Long stems on strong and robust plants	¼ oz. \$1.25 .15
745	<b>WHITE KING.</b> Similar to Rose King in type of flower, but differing in growth, being of upright form and acquiring the strength and vigor of the branching	.15
750	<b>VIOLET KING.</b> Flowers generally four to five inches across	¼ oz. \$1.00 .15

**Imperial Asters.** Probably the of the Aster family. Upright, bearing large compact flowers which are so double as to appear ball-shaped.

No.	Pkt.
770	<b>DAYBREAK.</b> Extra large very double flowers of beautiful shell pink; branching habit. 2½ ft. ¼ oz. \$1.25 \$0.10
775	<b>LAVENDER DAYBREAK.</b> A new and pleasing shade of lavender, similar in growth and habit to the well known Daybreak. Grown quite extensively by florists. ½ oz. 60c. .10
780	<b>PURITY.</b> Extra large flowers, very double of a pure white; branching habit 2¼ ft. ¼ oz. \$1.25 .10
785	<b>PURPLE</b> ..... ½ oz. 75c. .10
790	<b>ROSE</b> ..... ½ oz. 75c. .10
795	<b>SUNSET.</b> A delicate pink, shading to deep pink in the center. 2 ft. ... ¼ oz. \$1.25 .10
800	<b>MISS ROOSEVELT.</b> Flowers of perfect form, extra large in size, petals recurved. A rich yellow turning to delicate rose. 2½ ft. ½ oz. \$1.00 .15
810	<b>GENERAL JACQUEMINOT.</b> Rich deep crimson. Very double, borne on long, erect stems. .... ¼ oz. \$1.00 .10



King Asters have long, narrow, quilled petals that are graceful and charming

## Triumph Comet Asters.

A splendid new class of mid-season Asters, bearing full, double flowers of the choicest type with center with a spiral effect. The blooms are large and fluffy, borne on long, straight stems. The flowering season of this type is between the extra early sorts and the branching varieties. The plants grow fairly tall and have an upright habit. They have better qualities than the heretofore offered Upright Comet, both in size and growth of plant, stem and perfection of bloom. Aster Triumph Comet is similar to the Asternum but more satisfactory on account of its size, length of stems and more full and double.



The Rochester Lavender Pink is a magnificent Aster of fluffy reflex type without a rival as a midseason pink

No.	Pkt.
820	<b>Pure White</b> ..... \$0.20
825	<b>Shell Pink</b> ..... .20
830	<b>Lavender</b> ..... .20
835	<b>Rose</b> ..... .20
840	<b>Purple</b> ..... .20
855	<b>PALE YELLOW BRANCHING.</b>

This variety has the same general habits of its family, lateness of its flowering and great length of stem. The color is a distinct delicate yellow and a shade that has not before appeared in Asters. .20

859	<b>PINK ENCHANTRIES.</b> The flower of this variety is full double, the petals being very broad and of medium length, the ones toward the center folding in, while those toward the outer edge gradually stand out more. The plants are not of the branching, but more of the upright habit. Their growth is very vigorous and they produce long stems to support the enormous flowers. ½ oz. \$1.25 .15
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**Peerless Asters** Similar in growth to the late branching type, with a strong sturdy habit of growth, blooming somewhat earlier. Flowers of globular form, usually 4 to 5 inches across, center petals incurved, outer reflexed.

860	<b>Pink.</b> Beautiful shell pink, similar to Mary J. Semple. ½ oz. 75c. .10
865	<b>White.</b> Pure white. ½ oz. 75c. .10
866	<b>Yellow (Novelty)</b> ..... .20



## ASTERS—Continued

No.  
\$70

Pkt.

## Early Snowdrift Asters.

One of the earliest, with immense, perfectly double snow-white flowers of the Ostrich Feather type; free bloomer...\$0.15

\$80

**Sensation Asters.** The best of the red Asters, the color being a dark, rich garnet or ox blood red. The plants are of the free branching habit, growing about 18 in. high..... 15

## Crego's New Giant Comet Asters.

A giant in size, Comet in type. Petals are nearly twice the length of those of the older varieties, and are beautifully twisted and curled, exceedingly fluffy.

919	Lavender .....	$\frac{1}{8}$ oz.	65c.	.10
920	White .....	$\frac{1}{8}$ oz.	65c.	.10
921	Shell Pink .....	$\frac{1}{8}$ oz.	65c.	.10
922	Rose Pink .....	$\frac{1}{8}$ oz.	65c.	.10
923	Blue .....	$\frac{1}{8}$ oz.	65c.	.10
924	Finest Mixed .....	$\frac{1}{8}$ oz.	65c.	.10

## American Branching Asters.

Flowers extremely large with graceful, wavy petals borne on long stems. Plant is strong and robust.

930	Finest Mixed .....	$\frac{1}{8}$ oz.	40c.	\$0.10
935	Crimson .....	$\frac{1}{8}$ oz.	40c.	.10
940	Dark Blue .....	$\frac{1}{8}$ oz.	40c.	.10
945	Light Blue .....	$\frac{1}{8}$ oz.	40c.	.10
950	Rose Pink .....	$\frac{1}{8}$ oz.	40c.	.10
955	Shell Pink .....	$\frac{1}{8}$ oz.	40c.	.10
965	Pure White .....	$\frac{1}{8}$ oz.	40c.	.10
	Collection of six colors.....			.50



Crego's New Giant Comet Aster is a splendid strain with long, loose petals that are particularly pleasing

## ASTER AUTUMN GLORY

## Pure Sea-Shell Pink

A variety very similar in color to the well known Sample's Pink, with which almost every Aster grower is well acquainted. The flower is better and more substantial, and of deeper color, which is retained while most of the other varieties of the same shade have a tendency to fade. The plants are of larger and stronger type and of true branching habit.

It is particularly valuable in producing exquisite flowers when the others are depreciating. The blooms are very double and the stems of unusual length. No. 966 Pkt. 25c., two pkts. 40c.

## ASTER

## WHITE PERFECTION

One of the finest white Asters for mid-Summer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter, and of a fine form.

The flower when first opened, is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect. No. 968 Pkt. 20c., two pkts. 35c.



American Branching Asters are late to bloom but are known everywhere for their large Peony-like flowers of exquisite beauty

Pages 42-46 of the **LITTLE BOOK OF ANNUALS** gives pointers on the successful culture of Asters. You should own a copy.  
Paper \$1.10, cloth \$1.65, postpaid.

ASTERS—Continued

Midsummer Asters.

The flowers are borne on stout stems 24 to 30 in. in height, of excellent quality. The most valuable point about this variety is that it produces its fine flowers quite early.

No.			Pkt.
1015	Finest Mixed	1/4 oz. 60c.	\$0.10
1020	Bright Rose	1/4 oz. 60c.	.10
1025	Purple	1/4 oz. 60c.	.10
1030	Lavender	1/4 oz. 60c.	.10
1035	Shell Pink	1/4 oz. 60c.	.10
1040	Pure White	1/4 oz. 60c.	.10

Queen of the Market Asters.

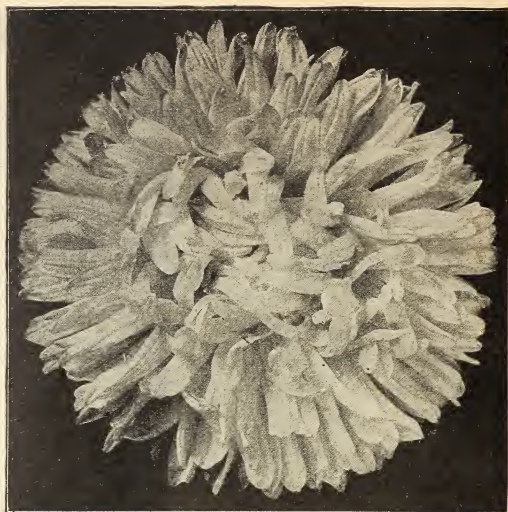
An extra early variety, bearing large double flowers; plants of branching habit.

1050	Finest Mixed	1/4 oz. 75c.	.10
	Collection of 6 colors		.50

Ostrich Feather Asters.

The flowers of this class resemble the Japanese Chrysanthemums, with long, curved, fringe-like petals, giving a feathery appearance; of immense size. 2 1/2 ft.

1250	Finest Mixed	1/4 oz. \$1.00	.10
1255	Crimson	1/4 oz. 1.00	.10
1260	Dark Blue	1/4 oz. 1.00	.10
1265	Light Blue	1/4 oz. 1.00	.10
1270	Lilac	1/4 oz. 1.00	.10
1280	Salmon-Rose	1/4 oz. 1.00	.10
1285	Pure White	1/4 oz. 1.00	.10
	Collection of six colors		.50



'Aster, 'Autumn Glory'

Chinese Single Asters. These are showy for vase decorations; large, brilliant, Daisy-like flowers, with yellow center; free flowering. 2 ft.

No.			Pkt.
1290	Finest Mixed	1/4 oz. 60c.	\$0.10
1295	Crimson	1/4 oz. 60c.	.10
1300	Dark Blue	1/4 oz. 60c.	.10
1305	Light Blue	1/4 oz. 60c.	.10
1310	Rose	1/4 oz. 60c.	.10
1315	White	1/4 oz. 60c.	.10

Perennial Asters. Easily grown from seed; if sown in February or March will bloom the same season.

1320	ALPINE SPECIOSUS. Large purple	.10
1325	NOVE-ANGIE. Lavender shades	.10
1330	PERENNIAL HYBRIDS. Finest Mixed	.10

Aster Plants—Annual or Perennial—See pages 119 and 124.

Balloon Vine. (Love in a Puff). H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June in sunny location.

1340	White. 7 ft.	1/4 oz. 20c.	.05
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BABY'S BREATH. (See Gypsophila.)

Balsam. H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 ft.

1345	Prize Winner Mixture	1/4 oz. 60c.	.10
1375	Camellia Flowered—Finest Mixed	1/4 oz. 50c.	.10
1380	Rose-Flowered—Finest Mixed	1/4 oz. 20c.	.05

Bean. H. A. Climber Flowers from July to September. Very ornamental, thriving in any ordinary soil.

1395	Scarlet Runner. 8 ft.	.10
1400	White Runner. 8 ft.	.10
1405	Butterfly Runner. Large, pink and white blossoms	.10



Balsam





Calendula

**Begonia.** These dwarf varieties are valuable for bedding. Seed sown in February or March make fine plants for bedding out in May and June.

No.		Pkt.
1415	<b>Gracilis rosea.</b> Bright rose color.....	\$0.25
1420	<b>Frima Donna.</b> Flowers of a light rose, shading deeper toward center.....	.25
1425	<b>Pink Beauty.</b> Delicate pink with dark foliage.....	.25
1430	<b>Luminosa.</b> Large, bright, deep scarlet flowers; satiny brownish red foliage.....	.25
1435	<b>alba.</b> Pure white.....	.25
1440	<b>Semperflorens Vernon.</b> Scarlet flowers.....	.25
1455	<b>Erfordii grandiflora superba.</b> Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers.....	.50
1460	<b>Erfordii rubra.</b> New. Deep red.....	.50
	<b>TUBEROUS ROOTED.</b> Most beautiful Summer and Autumn-flowering plants. For beds, borders or window boxes they are unsurpassed.	
1470	<b>Large-flowered, Single Mixed</b> .....	.50
1475	<b>Large-flowered, Double Mixed</b> .....	.50
	<b>Tuberous Rooted Begonia bulbs.</b> See page 100.	

**Bellis Perennis pl. fl.** H. P. Flowering early in the Spring; very double. Fine for borders, requiring partial shade in hot weather.

1480	<b>Finest Mixed.</b> Extra. 4 in. ¼ oz. \$1.25	.10
1485	<b>Longfellow.</b> Bright rose. 4 in. ¼ oz. 1.50	.15
1490	<b>Snowball.</b> Pure white. 4 in. ¼ oz. 1.50	.15
1495	<b>Giant red, Maxima f. pl.</b> Extra fine. 4 in. 25	.15
1497	<b>Monstrosa alba.</b> Giant pure white.....	.15
1498	<b>Monstrosa rosea.</b> Giant rose.....	.15
1499	<b>Monstrosa.</b> Finest Mixed.....	.15

**BELVIDERE.** See *Kochia tricochyla*.

**Boltonia.** H. P. Profusion of flower heads, allied to the single Aster; pale blue in color.

1510	<b>latisquama</b> .....	¼ oz. 75c. .15
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**Brachycome** (Swan River Daisy).

1500	<b>Summer Beauty.</b> Literally covered with flowers of a pleasing soft mauve tint with a dark center. 8 in. ....	.20
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**Browallia.** H. A. Excellent free-flowering, Verbena-like flowers. Flowers all Summer in the open, also excellent house plants for Winter use. 18 in.

No.		Pkt.
1515	<b>Finest Mixed</b> .....	¼ oz. 20c. \$0.10
1530	<b>speciosa major.</b> Extra large; deep blue	.15

**Buphthalmum.** (Ox-Eye Daisy). H. P. Golden center.

1535	<b>salicifolium</b> .....	¼ oz. 40c. .10
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**Calceolaria.** Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

No.		
1550	<b>Superb English Mixture.</b> Special strain.....	.50
1555	<b>Self Colors in Mixture.</b> 2 ft. ....	.50
1560	<b>Spotted in Fine Mixture.</b> 2 ft. ....	.50
1565	<b>Rugosa, or Shrubby.</b> Yellow and brown; bedding variety.....	.50

**Calendula.** H. A. Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

No.		
1570	<b>Double Finest Mixed</b> .....	Oz. 40c. .05
1575	<b>Orange King</b> .....	Oz. 50c. .10
1580	<b>Meteor.</b> Orange, striped primrose.....	Oz. 50c. .10
1585	<b>Nankeen.</b> Cream, flushed apricot.....	.10
1590	<b>Lemon Queen.</b> Clear lemon yellow.....	Oz. 50c. .10

**California Golden Bells** (Emmenanthe penduliflora). An annual with pretty foliage and charming spikes of dainty yellow flowers like Lily of the Valley; fine for bouquets. 1 ft. ....

**Calliopsis.** (Or *Coreopsis*.) One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

1610	<b>Finest Mixed</b> .....	Oz. 35c. .05
1612	<b>The Garnet.</b> Expands into a bush to 3 feet across, covered with a multitude of glossy crimson-scarlet flowers.....	.20
1615	<b>atrosanguinea.</b> Velvety dark crimson.....	¼ oz. 25c. .10

No.		
1620	<b>bicolor tinctoria.</b> Yellow, with brown center.....	¼ oz. 25c. .10
1625	<b>coronata.</b> Yellow, with crimson spots. ¼ oz. 25c. .10	
1630	<b>Drummondii</b> (Golden Wave). Yellow, maroon center.....	Oz. 75c. .10
1635	<b>grandiflora.</b> H. P. Large yellow flowers produced abundantly from June to October.....	¼ oz. 25c. .10
1640	<b>lanceolata.</b> H. P. Large; extra fine yellow.....	¼ oz. 50c. .10

**CALIFORNIA POPPY.** See *Eschscholtzia*.



Bellis Perennis

**Campanula—Bellflower.** H. P. Not one of our best known hardy perennials, but it deserves a place in every garden collection. Tall varieties fine for cutting; No. while dwarf make excellent border plants. Pkt.

1650	<b>Carpatica.</b> (Harebell.) Bright blue; borne on erect stems. 6 in. ¼ oz. 30c. \$0.10
1655	<b>Carpatica alba.</b> Pure white, 6 in. ¼ oz. 50c. .19
1665	<b>Longistyla.</b> Rich violet blue, drooping, slightly incurved, quite floriferous plants; loosely branching flower stems .25
1670	<b>Mariesii.</b> Rich violet. 18 in. ¼ oz. 50c. .10
1675	<b>persicifolia grandiflora cœrulea.</b> (Peach Bells.) Deep blue; extra long, erect stems. 2 ft. .1-1½ oz. 60c. .15
1680	<b>persicifolia grandiflora alba.</b> Pure white. 2 ft. ¼ oz. \$1.00 .15
1685	<b>persicifolia grandiflora fl. pl. Moerheimi.</b> Double white, 2 ft. 1-32 oz. 75c. .25
1695	<b>pyramidalis</b> (Chimney Bell). Blue. 6 ft. ¼ oz. 25c. .10
1700	<b>pyramidalis alba.</b> Pure white. 6 ft. ¼ oz. 30c. .10
1705	<b>rotundifolia</b> (Scotch Bluebell). Deep blue. 18 in. .1-16 oz. 75c. .10

**Campanula Media** (Canterbury Bells). H. B. Plants grow in pyramidal form, bearing in profusion large, bell-shaped flowers. Very showy in mixed borders or among shrubbery. Seed sown in February will flower first season; sown in July will flower following season.

**Single Flowering.**

1715	<b>English Prize Mixture.</b> 3 ft. ¼ oz. 50c. .10
	Collection of 6 distinct colors. .50

**CALYCANTHEMA** (Cup and Saucer). 2 ft.

1760	<b>Blue.</b> ¼ oz. 50c. .10
1765	<b>Rose.</b> ¼ oz. 50c. .10
1770	<b>White.</b> ¼ oz. 50c. .10
1775	<b>Finest Mixed.</b> ¼ oz. 50c. .10

**Double-Flowering.**

1780	<b>Finest Mixed.</b> 3 ft. ¼ oz. 40c. .10
1782	<b>Blue.</b> ¼ oz. 50c. .10
1785	<b>Rose.</b> ¼ oz. 40c. .10
1787	<b>White.</b> ¼ oz. 40c. .10



Campanula Medium Calycanthema



White Candytuft is most often seen, but why not try some of the other colors this year? They bloom profusely and are splendid as cut flowers. Sow early and successfully for flowers all summer

Try some of these flowers in shady spots: Achillea, Aquilegia, Balsam, Begonia, Bellis, Campanula, Coreopsis, Digitalis, Kenilworth Ivy, Lobelia, Myosotis, Fansy, Petunia, Verbena.

**Candytuft.** H. A. Admirably adapted for borders. They come into flower early and bloom profusely for a long period. Very popular also for cutting. Our strains of Candytuft are the best obtainable.

No.	Annual Varieties.	Pkt.
1800	<b>Finest Mixed.</b> 1 ft. .Oz. 35c. \$0.05	
1805	<b>Dunnettii Crimson.</b> 1 ft. .Oz. 50c. .10	
1810	<b>Giant Empress.</b> White; extra large. Fine for forcing. 2 ft. .Oz. 60c. .10	
1815	<b>FISKE'S GIANT WHITE PERFECTION.</b> An extra fine mammoth, pure white, with long spikes usually from six to ten on each stem, the one best variety for forcing. .Oz. \$1.25 .15	
1820	<b>Giant Hyacinth-Flowered.</b> Pure white; fine truss. 2 ft. .Oz. 50c. .10	
1825	<b>Lavender.</b> 1 ft. .Oz. 50c. .10	
1830	<b>carnea.</b> Flesh pink. 1 ft. .Oz. 50c. .10	
1835	<b>ROSE CARDINAL.</b> Very rich, striking color; deep rosy cardinal. ¼ oz. 50c. .15	
1840	<b>Little Prince.</b> Dwarf, pure white. 6 in. .Oz. 50c. .15	

**Candytuft.** H. P. Plants very compact, blooming early in the Spring; excellent for bordering perennial gardens.

**Perennial Varieties.**

1845	<b>Gibraltarica.</b> Large, white, tinted pink. 6 in. ¼ oz. 50c. .10
1850	<b>sempervirens.</b> Pure white; glossy green foliage. 6 in. ¼ oz. 50c. .15

**Canna.** H. A. Excellent for its ornamental foliage and long spikes of brilliant flowers. Used extensively for bedding.

1860	<b>Bronzed-Leaved Varieties.</b> Finest Mixed. 6 ft. .Oz. 40c. .10
1865	<b>Crozy's New Large-Flowering.</b> Finest Mixed. .Oz. 40c. .10

**Canna Plants.** Ready in May. See page 124.

**CARNATION.** See Dianthus.

**CASTOR OIL BEAN.** See Ricinus.

Flower lovers will find many of their gardening problems solved after reading **The Garden Guide**, which has 384 pages full of real information on every phase of gardening. The 275 illustrations alone are instructive and worth while. We can and do recommend it highly; we know of no better work. Paper, \$1.10; cloth, \$1.65, postpaid.



## Cardinal Climber

Strikingly Beautiful and Brilliant.

This glorious annual vine is a very strong and rapid grower that has lacinated, fern-like foliage, and a wealth of cardinal red flowers borne in clusters of five to seven. The individual blooms are an inch or more across and cover the plants with a blaze of color from Midsummer to frost. Belonging to the Ipomoeas it delights in conditions that are best for them, a warm, sunny location and good, rich soil where it attains a height of 20 to 30 feet surprisingly quick. Seed may be sown early in the greenhouse or conservatory, and transplanted after all danger of frost is over, or directly in the open about May 1st after soaking in warm water until they swell. **Pkt. 20c.**

## Chinese Woolflower

CELOSIA CHILDSII

A most magnificent annual that should be in every flower garden. Its ease of culture and long continued blooming season, together with its massive heads of wool-like flowers of a brilliant color combine to make it a very unique and showy novelty.

The blooms start early with a central head of large size, globular in form, and which branches freely bearing tufts not unlike wool, from which it is named. Each plant produces so many laterals that it resembles an immense bouquet. None of the blooms fade until killed by frost so that the whole mass is a glowing crimson-scarlet of great beauty. 3 ft.

Sow the seed in the open after danger from frost is past, or start inside and transplant.

**Pkt. 20c., 3 pkts. 50c.**



Clarkias are splendid annuals that flower profusely. Better get acquainted with them. (See page 63)



Celosia is prized for its showy ornamental plumes and bright colors

## Celosia (Cockscomb)

Huge masses are showy in any annual border. Whoever has grown them is charmed by their beauty and fantasy of form. They thrive best in a rich warm soil with plenty of sunshine. The heads will keep for weeks when cut and put into water. Sometimes used as everlasting flowers.

No.			Pkt.
1872	<b>PRIDE OF CASTLE GOULD.</b> An entirely distinct type of Feathered or Plumed Celosia. Of compact pyramidal growth, covered with immense fine heads of the most brilliant color, making an excellent sort for bedding as well as a fine pot plant. 1-16 oz. 50c. \$0.20		
	<b>THOMPSONI MAGNIFICA</b> (Feathered Cockscomb). H. A. For ornamental purposes this is one of the most beautiful. The entire plant is covered with rich plumes of most striking colors.		
1875	<b>Golden Yellow.</b> 2 ft. ....	1/4 oz. 60c.	.10
1890	<b>Crimson.</b> 2 ft. ....	1/4 oz. 60c.	.10
1895	<b>Finest Mixed.</b> 2 ft. ....	1/4 oz. 60c.	.10
	<b>CRISTATA NANA, Dwarf.</b> Flowers produced in large comb-like heads of most brilliant colors. Easy of cultivation; valuable for borders and bedding. Plants of the scarlet and crimson make a fine effect interspersed among perennials for rich colorings.		
1940	<b>Finest Mixed.</b> 6 in. ....	1/4 oz. 40c.	.10
1905	<b>Glasgow Frize.</b> Crimson; dark foliage. 6 in. ....	1/4 oz. 50c.	.10
1915	<b>Empress, New Giant Crimson.</b> 6 in. ....	1/4 oz. 50c.	.10
1925	<b>Sulphur Yellow.</b> 6 in. ....	1/4 oz. 50c.	.10
1935	<b>TALL, FINEST MIXED.</b> 3 ft. ....	Oz. 60c.	.10

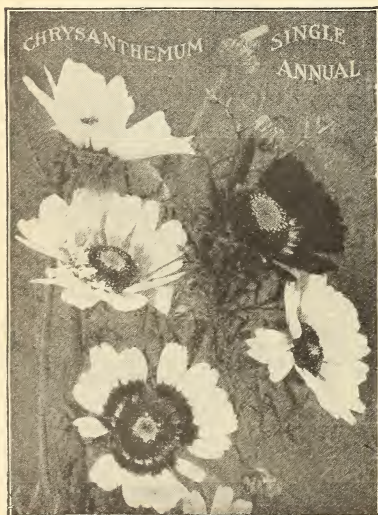
**Centaurea.** (Bachelor's Button, Cornflower, Blue Bottle or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all Summer. Seed may be sown either in Spring or Autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

**ANNUAL VARIETIES**

No.	CYANUS - Single.	Pkt.
1950	Single. Finest Mixed. 2 ft. ....Oz. 35c.	\$0.05
1955	Deep Blue. 2 ft. ....Oz. 40c.	.05
1960	Rose. Bright rose. 2 ft. ....Oz. 35c.	.05
	<b>CYANUS fl. pl. Double.</b>	
1970	True Deep Blue. ....Oz. \$1.50	.10
1975	White. ....Oz. 75c.	.10
1978	Rose Pink. ....Oz. 75c.	.10
1980	Double Finest Mixed. ....Oz. 75c.	.10
	<b>IMPERIALIS.</b> (Giant Cornflower). H. A. Flowers very fragrant, of immense size and great variety of colors.	
1985	Finest Mixed. 2 ft. .... $\frac{1}{4}$ oz. 50c.	.15
1990	White. 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
1995	Lilac. 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
2000	Brilliant Rose Favorita. 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
2005	White Shaded Rose. 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
2010	Purple (Graziosa). 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
	Collection of 5 colors. ....	.60
	<b>MOSCHATA</b> (Sweet Sultan). H. A. Fragrant flowers; very showy.	
2015	Finest Mixed. 2 ft. ....Oz. 50c.	.10
2020	Blue. 2 ft. ....Oz. 50c.	.10
2025	White. 2 ft. ....Oz. 50c.	.10
2030	Suaveolens. Yellow. 2 ft. ....Oz. 75c.	.10
2035	Americana. H. A. Flowers lilac-purple, often 4 inches in diameter, flowering from June to September. .... $\frac{1}{4}$ oz. 60c.	.15
2040	Marguerite (Giant White Cornflower). H. A. 2 ft. .... $\frac{1}{4}$ oz. 50c.	.15
	<b>PERENNIAL VARIETIES</b>	
2050	Babylonica. H. P. Bright yellow. 3 ft. ....	.10
2055	montana. H. P. Deep purple. 2 ft. .... $\frac{1}{4}$ oz. 60c.	.15
2058	montana alba. H. P. Pure white, fine sort.	.10
2060	Candidissima. (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft. ....	.15
2065	Gymnocarpa. (Dusty Miller). H. H. P. Fern-like foliage with silvery covering, choice. 1 ft. ....Oz. \$1.00	.10



*Centaurea cyanea*



**Chrysanthemum.** Plants of easy cultivation, very showy and excellent for cutting, flowering from June till frost. One of the most satisfactory hardy annuals for Summer blooming.

**ANNUAL VARIETIES**

No.		Pkt.
2080	Finest Mixed, Single. 2 ft. ....Oz. 75c.	\$0.10
2085	Finest Mixed, Double. 2 ft. .... $\frac{1}{4}$ oz. 25c.	.10
2100	Single, Lord Beaconsfield. Crimson and yellow. ....Oz. 40c.	.10
2102	Morning Star. Primrose yellow. ....Oz. 50c.	.10
2105	The Sultan. Deep scarlet. 2 ft. ....Oz. 60c.	.10
2115	Eclipse. Yellow, crimson ring. ....Oz. 50c.	.10

**PERENNIAL VARIETIES**

Plants, see page 120.

2145	Snowball. New. Extra fine double white, excellent for cutting. ....	.15
2150	Maximum (White Ox-eyed Daisy). Large flowers. 3 ft. .... $\frac{1}{4}$ oz. 50c.	.10
2160	Shasta Daisy, Hybrid. Flowers pure white, borne on long, stiff stems. ....1-16 oz. 50c.	.25
2165	Uliginosum (Giant Daisy). One of the best of the later perennials, flowering from August to October. ....	.10
	<b>CHELONE</b> (Shell Flower). H. P. Flowers grow in long spikes and succeed in any ordinary good garden soil.	
2085	Barbata Torreyi. .... $\frac{1}{4}$ oz. 50c.	.10

**Cineraria Hybrida.** G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom.

**FOTTLER'S EXHIBITION MIXTURE.**

This strain is unsurpassed for size and assortment of gorgeous colors, including self, ringed and margined. .... .50



## CINERARIA—Continued

No.		Pkt.
2180	<b>HYBRIDA GRANDIFLORA NANA.</b> Dwarf, Finest Mixed. Same as above, but only attaining a height of about 15 in. ....	\$0.50
2185	<b>Stellata</b> (Star-flowered Cineraria). Very effective pot plants, flowers smaller than preceding varieties, but more numerous, borne on long, erect stems. ....	.50

**Clarkia.** H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation.

2200	<b>elegans.</b> Double. Finest Mixed. Oz. 50c. ....	.10
2203	<b>alba.</b> Pure white. ....	.10
2205	<b>Brilliant.</b> Carmine. ....	.10
2208	<b>Salmon Queen.</b> Salmon pink. ....	.10
2210	<b>Scarlet.</b> Orange scarlet. ....	.10

**CLEMATIS.** H. P. Well-known climbers, remarkable for the beauty and fragrance of their blossoms. One of the best climbers for verandas in existence.

2215	<b>paniculata.</b> A vigorous grower, and covered in the latter part of the Summer with a perfect cloud of star-like fragrant white flowers. Oz. \$1.00 ....	.10
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**Cleome.** (Spider Plant). Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.

2225	<b>gigantea hybrida.</b> Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height. ....	.10
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**CLOVE PINKS.** See *Dianthus*.

**Cobæa.** H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the Winter.

2245	<b>scandens.</b> Rich purple. .... Oz. \$1.00 ....	.10
2250	<b>scandens alba.</b> White. .... Oz. \$1.50 ....	.10

**COCKSCOMB.** See *Celosia*.

**COLEUS.** Unsurpassed for bedding; beautifully colored; easy of cultivation. Tender perennial 18 in.

2260	<b>Hybrids.</b> Finest Mixed. ....	.25
2265	<b>Fine Mixed Varieties.</b> ....	.15

**COREOPSIS.** See *Calliopsis*.

## COSMOS

See also *Novelties*, page 3. Plants, see page 125.  
This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from four to six feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting.

<b>EXTRA EARLY MAMMOTH FLOWERING.</b> Bearing flowers, usually from four to five inches across, and blossoming sixty days from sowing the seed.		
2275	<b>Finest Mixture.</b> .... ½ oz. 40c. ....	.10
2276	<b>Crimson.</b> .... ½ oz. 40c. ....	.10
2277	<b>Pink.</b> .... ½ oz. 40c. ....	.10
2278	<b>White.</b> .... ½ oz. 40c. ....	.10

<b>EXTRA EARLY DOUBLE FLOWERING.</b> This new class of Cosmos produces extremely double flowers, of attractive appearance and excellent for cutting.		
2280	<b>Crimson.</b> ....	.20
2285	<b>White.</b> ....	.20
2290	<b>Pink.</b> ....	.20
2298	<b>Finest Mixed.</b> ....	.20

<b>MAMMOTH LATE.</b>		
2305	<b>Lady Lenox.</b> Beautiful shell pink. Flowers are extra large; stems long; plants strong and vigorous. ¼ oz. 50c. ....	.15
2306	<b>Lady Lenox Pure White.</b> .... ¼ oz. 75c. ....	.15

**CUCUMBER, WILD.** See *Echinocystis*.



No other tall annual is so graceful or so useful as the *Cosmos*. The double form is particularly pleasing. The extra early sorts bloom early and are more satisfactory because of their long season of bloom.

No.		Pkt.
2445	<b>Finest Mixed.</b> .... Oz. 60c. ....	\$0.05
2450	<b>Bright Scarlet.</b> .... Oz. 60c. ....	.05
2455	<b>Pure White.</b> .... Oz. 60c. ....	.05

**Cypress Vine.** H. A. Rapid climber, having dark green, feathery foliage, bearing an abundance of star-like flowers. Fine for trellises.

## CYCLAMEN

## Fiske's Gold Medal Strain

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class of plants. For best results seed should be sown from September to February. Temperature required is between 50 degrees and 60 degrees F. Bulbs 2 inches in diameter can be obtained in one year.

2350	<b>Giant Mixture.</b> ....	.50
2355	<b>Giant Dark Red.</b> ....	.50
2360	<b>Giant Bright Red.</b> ....	.50
2365	<b>Giant Rose.</b> ....	.50
2370	<b>Giant Dark Salmon.</b> ....	.50
2375	<b>Giant Light Salmon.</b> ....	.50
2380	<b>Giant Pure White.</b> ....	.50
2385	<b>Giant Rose, dark eye.</b> ....	.50

2340	<b>CUPHEA Platycentra.</b> (Cigar Plant.) Pretty, half-hardy perennial with bright scarlet tube-shaped flowers with black and white lip; excellent for garden or pot culture. ....	.15
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Delphinium, Larkspur

## Dahlia

H. H. P. Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good feeding with liquid manure will greatly increase blooms. Seed saved from our own choice collection.

No.	Pkt.
2450 Cactus-Flowered. Finest Mixture. Saved from our own stock of named sorts. 4 ft. ....	\$0.20
2463 Peony-Flowered. Very choice mixture....	.25
2465 Decorative, Finest Mixed.....	.25
2470 Double Show. Finest Mixed. 4 ft. ....	.15
2473 Collarette. In Choicest Mixture.....	.20
2475 Single-Flowering. Finest Mixed. 4 ft. ....	.10
2478 Pompon. Choice Mixed.....	.15

**DAISY, DOUBLE.** See *Bellis perennis*.

**DATURA** (Trumpet Flower). H. H. A. Strong growing ornamental annual shrubs. Flowers trumpet shape, large and fragrant.

2480 Finest Mixed. 3 ft. ....	Oz. 30c .05
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## Delphinium

(Perennial Larkspur)

One of the finest perennials in use at present time; very easily grown and requiring no protection in Winter. Leaves are curiously cut; flowers borne on long, erect stems forming into spikes 2 feet in length. It is quite safe to state that no perennial bed or border is complete without them. Seeds sown in greenhouse in February will produce plants which should bloom the following Summer.

Plants for first season's flowering can be obtained. See page 120.

Annual Varieties. See Larkspur.

## Rev. E. Lascelles (New)

Beautiful Deep Blue

A particularly fine new addition to the already well known Delphiniums. The flowers are quite double and of extra size, showing a beautiful deep blue color, with white center, producing an excellent contrast. We have had the plants of this excellent variety growing, and they have been greatly admired by all who have seen them. The flowers have been very shy in producing seed, but during the past season we have been quite successful in securing a stock of seed.

A large percentage of seed comes true, while the balance will undoubtedly produce some very choice hybrids.

No.	Pkt.
2495 Deep Blue. ....	\$0.20
2500 <b>RAWSON'S SELECTED HYBRIDS.</b> Comprising the most brilliant colors, with extra large flowers and long spikes. 4 ft. ....	Oz. \$2.00 ¼ oz. 60c .20
2505 <b>BELLADONNA.</b> New. Beautiful turquoise blue and continuous bloomer; spikes of good size. ....	½ oz. \$1.00 .25
2510 <i>Chinensis azureum.</i> Deep blue. 3 ft. ....	¼ oz. 25c .10
2515 <i>Chinensis album.</i> Pure white. 3 ft. ....	¼ oz. 25c .10
2525 <i>cardinale.</i> Scarlet. 3 ft. ....	½ oz. \$1.25 .15
2530 <i>elatum.</i> Blue. 4 ft. ....	¼ oz. 50c .10
2535 <i>Bellaformosa.</i> Dark blue, white center. 3 ft. ....	¼ oz. 50c .10
2540 <i>formosum coelestinum.</i> Azure blue. 3 ft. ....	½ oz. 60c .15
2545 <i>formosum grandiflorum.</i> New. Producing massive spikes; the flowers of a beautiful deep blue; often measure from 2 to 2½ inches across. 3 ft. ....	½ oz. 50c .20
2550 <b>King of Delphiniums.</b> A beautiful semi-double sort, producing exceedingly large spikes. Flowers are of a deep blue with white eye. ....	½ oz. \$1.00 .20
2560 <i>Sulphureum hybridum</i> (Zalil). Sulphur yellow. 4 ft. ....	.15

## NOVELTY DAHLIA SEED

Dahlia experts are always on the alert to develop new varieties and are constantly planting seed in hopes of discovering novelties of merit. The amateur stands an equal chance to raise something distinct. Anyone with care and patience can grow Dahlias from seed—many of the seedlings blooming the first season. To the gardener with the investigating mind we recommend this strain as being quality seed saved from the choicest varieties. **Pkt. 50c.**



**Dianthus.** (Garden Pink). In the following list will be found the best varieties for general use. We take especial care in selecting our stock and procure it from only the most experienced growers.

**CARNATION, Giant Marguerite.** H. H. P. From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter. 18 in. Pkt.

No.			
2570	Finest Mixed	1/2 oz. 50c.	\$0.10
2575	Rose	1/2 oz. 50c.	.10
2580	Scarlet	1/2 oz. 50c.	.10
2585	White	1/2 oz. 50c.	.10
2590	Yellow	1/2 oz. 50c.	.10
2595	Giant of Nice (Riviera Market). Superior class of perpetual-flowered Carnations blooming six months after sowing, and surpassing all others in size, color and productiveness		.25
2600	Dianthus plumarius (Hardy Garden, or Old-Fashioned Clove Pink). A splendid free-flowering class, more hardy than the Carnation, and with a strong clove fragrance.	1/2 oz. 30c.	.10
	semperflorens fl. pl. (Everblooming Pink). Flowering in great profusion from June to October.		
2620	Finest Mixed		.15
	Chinensis fl. pl. (Chinese, or Indian Pink). Flowers double, of great variety of colors.		
2625	Finest Mixed	Oz. 75c.	.10
	Hedewigii fl. pl. (Japanese Pink). Double flowers of brilliant colors.		
2630	Finest Mixed	1/2 oz. 25c.	.10

**Dictamnus** (Dittany, or Gas Plant). H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a pleasing fragrance. The plant gives off a resinous matter which will readily ignite in warm weather.

2665	fraxinella, Crimson and White. 3 ft.	1/2 oz. 25c.	.10
2667	fraxinella alba, White.	1/2 oz. 30c.	.10



The Garden Pinks are marvelous for their brilliant, contrasting colors, emphasized by stripes and dots

**Didiscus** (Blue Lace Flower).

No.		Pkt.
2668	Cœruleus. A. Not brilliant, nor of large size, yet very welcome in any garden as it is very attractive when used in bouquets with other flowers. About 18 in. Light blue lace-like flowers quite similar to Queen Anne's Lace.	\$0.15

**Digitalis.** (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 ft.

2670	Canariensis. Light yellow.	1/2 oz. \$1.00	.25
2680	alba. White	1/2 oz. 25c.	.10
2685	rosea. Pink	1/2 oz. 25c.	.10
2690	lilacina. Lavender	1/2 oz. 25c.	.10
2700	Monstrosa. Finest Mixed. Extra large flowers	1/2 oz. 50c.	.10
2720	Fiske's Superb Mixture	1/2 oz. 50c.	.10

**Dimorphotheca.** Very beautiful, rare and free-flowering annual, of easy culture, forming bushy plants 8 inches high, covered with flowers 3 inches across, of a rich glossy orange-yellow color, with black center; blooms continuously.

2725	aurantiaca	1/2 oz. 50c.	.10
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**DORONICUM.** There is no finer Spring blooming hardy perennial than this. The flowers are large, single and a fine yellow.

2760	Caucasicum, 1 ft.		.25
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Foxgloves, in white, lilac, rose and yellow, appeal to all lovers of plants found in Grandma's garden



The splendid perennial Gaillardias are showy plants that bloom freely even under adverse conditions. Prized as cut flowers. See also page 120

**Dracaena.** G. P. Very ornamental in green-houses, with its long narrow leaves. Also used abundantly in centers  
No. of vases and urns.  
2765 **Indivisa.** Narrow, dark green foliage...\$0.10

**ECHINOCYSTIS** (Wild Cucumber). One of the quickest growing vines; fine for covering waste places and stone walls.  
2790 **lobata.** 20 ft.....Oz. 40c. .05

**ECHINOPS** (Globe Thistle). H. P. Flowers formed in heads in globe form of steel blue color. Foliage deeply cut and of silvery-white color. Particularly attractive.  
2795 **Ritro** ..... ¼ oz. 35c. .10

**Eschscholtzia.** (California Poppy). One of the best annuals for bedding, having large, Poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early Summer till frost.

2840 **Finest Mixed.** 18 in.....Oz. 40c. .10  
2845 **California.** Yellow, orange center, ... Oz. 50c. .10  
2850 **Fringed Yellow** ..... .10  
2855 **Mauve Beauty** ..... .20  
2860 **Caroline King.** Deep carmine... Oz. 50c. .10  
2865 **Golden West** (Maritima). Bright orange yellow ..... Oz. 50c. .10  
2870 **Mandarin.** Bright orange, shaded crimson ..... Oz. 50c. .10  
2880 **Rose Queen.** Carmine rose... ¼ oz. 50c. .15  
2890 **Vesuvius.** Wallflower red.....Oz. 50c. .10

**Euphorbia** Exceedingly ornamental foliage and inconspicuous flowers. Very effective in beds and borders. Prefers full sun, but will grow in rather poor soil.

2920 **variegata** (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 24 in.....Oz. 50c. .10

**FEVERFEW.** See *Matricaria*.  
**FORGET-ME-NOT.** See *Myosotis*.  
**FOUR O'CLOCK.** See *Marvel of Peru*.  
**FOXGLOVE.** See *Digitalis*.

**Gaillardia.** (Blanket Flower). Very showy plants, used abundantly for borders and bedding, splendid for cut flowers. Seed should be started early and will flower continually until frost.

No. Annual Varieties. Pkt.  
2960 **picta.** Single Finest Mixed. 2 ft. Oz. 50c. \$0.10  
2970 **picta Lorenziana.**

**Double Finest Mixed.** 2 ft....Oz. 60c. .10

**Perennial Varieties.**  
2975 **Grandiflora hybrida.** Finest Mixed. Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders. ¼ oz. 25c. .10

2980 **Grandiflora sanguinea.** The yellow color has been nearly eliminated from the blood-red flowers; only the extreme points of the petals still retain the yellow color, which appears as a golden seam on large and well-shaped flowers ..... ¼ oz. 50c. .15

2990 **superba.** Large, red and yellow. ¼ oz. 50c. .10  
**GENTIANA** (Blue Gentian). H. P. Large, bell-shaped flowers of an intense blue color. A moist location is best suited for these plants.

3010 **acaulis.** 4 ft. .... .10

3030 **Gerbera Jamesoni hybrida.** A much improved strain, including some of the most exquisite colors and incomparable for their delicacy and richness, with an infinity of tints from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Often the coloring of the disc varies from that of the rays ..... .35

**GEUM.** H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubbery borders.

3045 **Cocconum.** Much improved large flowered variety, bright scarlet flowers. 1 ft. .... .10

**GLOBE AMARANTH** (*Gomphrena*). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all Winter.

3060 **Finest Mixed.** 2 ft. .... ¼ oz. 15c. .05



Eschscholtzia, California Poppy



- Gloxinia.** Though grown mostly from bulbs, may be grown very easily from seed and are also propagated by leaf cuttings. Flowers large, bell-shaped, of most brilliant, velvety colors; leaves No. thick; succulent and very ornamental. Pkt.
- 3075 **Pottler's Superb Mixture** .....\$0.50
- LARGE FLOWERING BULBS.** See page 101.

- Godetia.** (Satin Flower). H. A. Rapid growing annual, producing large, Mallow-like flowers; very ornamental in mixed beds. Plants require plenty of room and thrive better in a poor soil.
- 3090 **Crimson Glow.** Deep crimson. New. Grows about 9 in. high; finest variety for bordering; completely covered with clusters of flowers. .... ¼ oz. 60c. .10
- 3095 **Finest Mixed** ..... ¼ oz. 20c. .10
- 3115 **Schamini fl. pl.** A lovely bright rose color; very double. Very effective for bedding or cutting. 2 ft. .... ¼ oz. 50c. .10

- Gourds, Ornamental.** H. A. Climber. Quick growing vines; excellent for covering arbors, walls and waste places. Gourds grow in curious shapes and are used for house ornaments.
- 3120 **Finest Mixed Varieties.** 15 ft. .... Oz. 25c. .05  
Collection of 12 varieties 50c.  
Collection of 6 varieties 25c.

- Grasses, Ornamental.** Valuable for their colored foliage, some varieties for their flowers. Many sorts are useful in masses on lawns and in gardens or as borders.
- 3205 **Arundo Donax variegata.** H. P. Drooping green and white striped leaves. .... .10
- 3225 **Eulalia zebrina** (Zebra Grass). H. P. Dark green leaves crossed by yellowish white bands. .... .10
- 3240 **Pennisetum longistylum.** H. A. Graceful drooping heads. Excellent for bouquets and as borders to Canna beds. 2 ft. .... .10
- 3245 **Pennisetum Ruppellanum.** H. P. Foliage long and slender, the silvery plumes tinged with violet. 3 ft. .... .10

- Gypsophila.** (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets. Plants, see page 120.

- 3265 **Paniculata fl.** H. P. An exceedingly fine new double of the purest white, superseding in every respect the original Gypsophila paniculata. .... .20
- 3270 **Grandiflora alba.** H. A. Extra large flowers, pure white, ¼ lb. \$1.00, oz. 30c. .10
- 3280 **carminea.** H. A. New Bright carmine rose. Bushes grow about 10 inches high; very fine flowering. .... ¼ oz. 20c. .10
- 3290 **Paniculata.** H. P. Pure white. Plants make fine clumps for garden use. .... ¼ oz. 30c. .10

- Helianthus.** (Sunflower). Tall-growing sorts; fine for background along fences and walls or large borders. Small varieties useful for cutting.

## ANNUAL VARIETIES

- 3320 **Californicus fl. pl.** Double deep yellow. 5 ft. .... Oz. 25c. .05
- 3325 **Chrysanthemum-Flowered.** Extra large, double flowers, 6 to 10 inches in diameter. 5 ft. .... Oz. 50c. .05
- 3335 **cucumerifolius** (Miniature). Single yellow, black center. .... Oz. 50c. .05
- 3355 **Mammoth Russian.** Extra large. Yellow. Common Sunflower. 6 ft. Oz. 10c. .05

## PERENNIAL VARIETY

- 3365 **Maximiliana.** Clear yellow; several rows of large ray petals and full center, flowering until late in Fall. 6 ft. .... .10



The bold, showy Sunflowers are suitable for hedges or screens in many a garden to which they will lend color and interest

## HELIANTHUS—Continued

No. 3360 **New Red Sunflower**

Easily grown from seed the same as all of the Helianthus family. Will thrive in any sunny location with ordinary garden soil.

Colors are not truly fixed and may produce some yellow blooms, but the larger proportion are of a fine red, tipped yellow. Pkt. 15c.

## HELICHRYSUM

## STRAWFLOWER, OR EVERLASTING

Exceedingly ornamental annuals that are prized everywhere for Winter bouquets. Very effective in beds and borders. Must be seen to be appreciated. They will succeed in any good garden soil if given plenty of room to develop. Plant not closer than 12 inches apart. If wanted for drying, cut with as long stems as possible when the flowers are about one-third open. Strip off all the foliage, tie in small bunches and hang heads downward in some dark, dry place until cured. H. A. 2 to 3 ft. Pkt.

- No. 3395 **monstrosum fl. pl.** Finest Mixed. One of the best dried flowers for house decoration. 2 ft. .... ¼ oz. 30c. \$0.05
- 3396 **Fireball.** Crimson ..... ¼ oz. 35c. .10
- 3397 **Golden Ball.** Yellow. .... ¼ oz. 35c. .10
- 3398 **Pink** ..... ¼ oz. 35c. .10
- 3399 **Purplea.** Purple ..... ¼ oz. 35c. .10
- 3400 **Silver Ball.** Silvery white. .... ¼ oz. 35c. .10
- 3401 **Violet** ..... ¼ oz. 35c. .10

**Heliotrope.** Greenhouse shrub. Excellent for bedding; very fragrant; fine for cutting. Grows well in house.

- 3405 **Finest Mixed.** 2 ft. .... ¼ oz. 40c. .10
- 3407 **White Lady.** An exceptionally fine pure white a good keeper for bouquets. .... .15
- 3410 **Queen Marguerite.** Extra large; deep blue; very fragrant ..... .20

**HESPERIS matronalis** (Sweet Rocket). H. P. Flower early in the spring, thriving well in any common soil; very fragrant. 2 to 3 ft.

- 3415 **Finest Mixed.** Double ..... Oz. 30c. .10
- HEUCHERA.** H. P. One of the finest small perennials; flowers are in clusters, small and bell-shaped. 15 in.
- 3425 **gracillima** (Coral Bells). Bright pink. .... .15
- 3430 **sanguinea.** Scarlet. 15 in. .... ¼ oz. 60c. .10

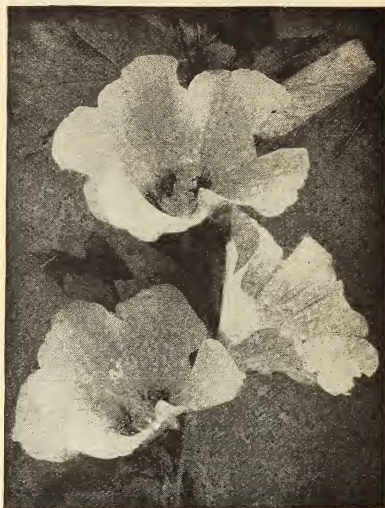
Hibiscus.		(Mallow). Vigorous-growing plants, producing large, handsome flowers, about six inches across. Very desirable for mixed beds or borders.	
No.	Plants.	See page 120.	Pkt.
3435	<b>Africanus.</b> H. A. Yellow. 2 ft. 1/4 oz.	50c.	\$0.10
3440	<b>Crimson Eye.</b> H. P. Pure white, crimson center. Will flower first season from seed in open ground. 1/4 oz.	35c.	.10
3445	<b>Golden Bowl.</b> Canary yellow, with black center. Annual. July to October. 2 ft. 1/4 oz.	40c.	.10
3455	<b>Moscheutos albus</b> (Swamp Mallow). H. P. Native swamp Mallow is one of the most useful, flowering freely from July to September. 4 ft. Oz.	75c.	.10
3460	<b>Moscheutos roseus.</b> H. P. Same type as above. 4 ft. Oz.	75c.	.10

## Hollyhocks

H. B. Our strain of seed of this old-time favorite is without doubt unsurpassed. The tall, stately spikes bear immense quantities of blooms of the most brilliant colors, both in the single and double varieties. They succeed best in a rich, well-drained soil, requiring slight protection during the Winter. 6 ft.



Single Hollyhocks



Hibiscus Moscheutos albus  
Plants. See page 120.

## HOLLYHOCKS—CHOICE SINGLE VARIETIES

No.		Pkt.
3470	White. ....	1/4 oz. 50c. \$0.10
3475	Yellow. ....	1/4 oz. 50c. .10
3480	Bright Rose. ....	1/4 oz. 50c. .10
3485	Delicate Pink. ....	1/4 oz. 50c. .10
3490	Purple. ....	1/4 oz. 50c. .10
3495	Carmine. ....	1/4 oz. 50c. .10
3500	Crimson. ....	1/4 oz. 50c. .10
3505	Black. ....	1/4 oz. 50c. .10
3510	Finest Mixed. ....	1/4 oz. 50c. .10
	Collection of eight varieties. ....	.75

**CHATEL'S DOUBLE HOLLYHOCKS.** An exceptionally choice strain of all double flowers, and true to color. Our stock is grown by a specialist of this important family of the flowery kingdom.

3515	<b>"PINK BEAUTY."</b> The outer petals of these gigantic flowers are a brilliant pink, while all the inner frilled petals are of the purest white, the two colors making a beautiful contrast. ....	1/4 oz. 75c. .15
3518	<b>PINK QUEEN.</b> (New). Very delightful salmon pink flowers, very full double. ....	1/4 oz. 75c. .15
3520	Finest Mixed. ....	1/4 oz. 50c. .10
3525	Bright Rose. ....	1/4 oz. 50c. .10
3530	Flesh Color. ....	1/4 oz. 50c. .10
3535	Maroon. ....	1/4 oz. 50c. .10
3540	Red. ....	1/4 oz. 50c. .10
3545	Sulphur Yellow. ....	1/4 oz. 50c. .10
3550	White. ....	1/4 oz. 50c. .10
	Collection of six varieties. ....	.50

**Hollyhock, Mammoth Alleghany.** Petals beautifully laced and fringed; very robust habit, and enormous flower, measuring 5 inches across; splendid rich color; both single and semi-double.

3555	Finest Mixed. ....	1/4 oz. 50c. .10
3570	<b>Hollyhock, Double Exquisite.</b> One of last year's novelties that possesses the charming new feature of having petals that are beautifully curled and fringed. Its flowers are very large, measuring from 4 to 5 1/2 inches across, and are extremely double, not unlike a fine double Petunia. Mixed colors only. ....	.85



**Honesty.** (*Lunaria biennis*). H. B. Flowers blue and white, and white. The large oval, silvery seed pouches are quite ornamental in bouquets. Pkt.  
3580 **Finest Mixed.** 2 ft. .... ¼ oz. 35c. \$0.10

**Humulus.** (*Japanese Hop*). H. A. Climber. Of rapid growth. Foliage very dense, similar in shape to the common Hop. Very seldom affected by insects or extreme heat, retaining its foliage until frost. Fine for covering verandas and trellises, attaining a height of 12 ft.  
3590 **Japonica.** White ..... Oz. 50c. .10  
3595 **Japonica variegata.** Foliage beautifully marbled and splashed silvery white, light and dark green and white. Oz. 75c. .10

**ICE PLANT.** See *Mesembryanthemum crystallinum*.

**Impatiens** (*Balsam*). G. P. Excellent pot plants for house or greenhouse; the axillary flowers are borne in profusion and are continually in bloom.  
3620 **Holsti Hybrids.** **Finest Mixture.** 1 ft. .15  
3630 **Sultani hybrida.** **Finest Mixed.** 1 ft. .... .15

### Ipomoea (Morning Glory)

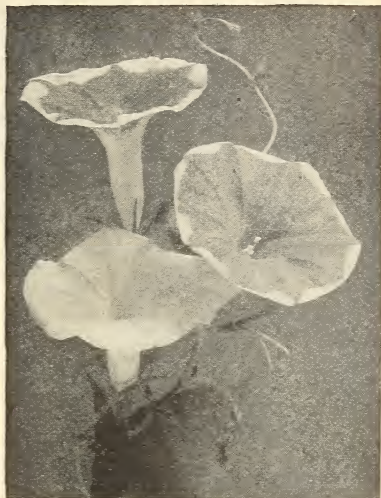
See also *Novelties*.

One of our most popular annual climbers, and without doubt familiar to most lovers of flowers. Very ornamental for verandas, fences and for covering rockeries. 10 to 15 ft.

No. Pkt.  
3650 **Purpurea** (*Convolvulus major*, The common Morning Glory). Showy annual climber, of easiest culture, succeeding well in any ordinary soil, and very satisfactory for covering fences and unsightly places; in many brilliant colors. .... ¼ lb. 35c., oz. 15c. \$0.05  
3655 **Convolvulus minor.** **Finest Mixed.** (*Dwarf Morning Glory*). Early-flowering hardy annual, with bright flowers, of very easy cultivation. 2 ft. Oz. 25c. .05

3665 **Imperialis** (*Japanese Morning Glory*). A great improvement over the old-fashioned sorts. Flowers are larger, fringed, and of an unlimited variety of colors. .... Oz. 35c. .10  
3675 **Grandiflora alba** (*Moonflower*). Large heart-shaped leaves and large, pure white flowers, opening in the evening. Fill a hole in the side of the thick seed to aid germination. 10 ft. Oz. 75c. .10

3680 **rubro-cerulea** (*Heavenly Blue*). Beautiful, large, sky-blue flowers. 15 ft. .10  
3685 **setosa** (*Brazilian Morning Glory*). Large, ornamental foliage, with bright rose flowers. Grows very fast and dense. Oz. 75c. .10



Morning Glories have wonderful colorings and make a most beautiful display when planted in a rich, moist location where they can revel in the sunshine

**Iris.** **Kaempferi** (*Japanese Iris*). H. P. Flower of enormous size, flat and comprises some of the most vivid colors, both self No. and heavily veined. Pkt.  
3700 **Finest Mixed.** 3 ft. .... ¼ oz. 35c. \$0.10  
Named varieties of plants, see page 115.

**Kochia.** (*Summer Cypress*, or *Mexican Fire-bush*). H. A. Pretty little bushes of pyramidal shape; foliage delicate green, the little tiny, brilliant scarlet flowers completely covering the whole plant. Excellent for hedges along walks in garden.  
3705 **tricophylla.** 3 ft. .... ¼ oz. 35c. .10  
3710 **KENILWORTH IVY** (*Linaria cymbalaria*). Tender perennial of trailing habit, bearing small violet flowers. Fine for hanging baskets and rustic designs. .... .10

**Lantana hybrida.** G. P. Free-flowering plants of shrubby growth; fine house plants; good for mixed beds, blooming all Summer.  
3715 **Finest Mixed.** 3 ft. ¼ oz. 25c. .10



Kochia can be successfully used as borders, for the bushes are symmetrical and uniform in size. If desired they can be trimmed like hedge plants. Strikingly brilliant in the Fall

### A Little Book of Annuals Hottes

A handsome, freely illustrated book of 128 pages that is sure to make a host of friends among flower lovers, and bring to many another a yearning to know flowers better. Reliable information is given to aid the amateur without being dull reading for the more experienced. The best thing along this line to come to our attention. Postpaid, paper, \$1.10; cloth, \$1.65.



Larkspur,  
Double Stock  
Flowered

**Larkspur.** H. A. These handsome annuals are very effective in clumps among hardy perennials or shrubbery to lend a touch of color. The tall, graceful spikes are much prized for cutting. Sow early so the seed can have ample time for germination.

**ANNUAL VARIETIES**

See also Novelties, page 4.

**TALL BRANCHING DOUBLE STOCK FLOW-  
ERED.**

This strain is the very best for cutting as it can be depended upon to supply a large quantity of bloom all through the Summer. 3 ft.

No.		Pkt.
	<b>Exquisite.</b> A charming new, beautiful soft pink. . . . .	\$.05
3750	<b>Dark Blue</b> . . . . .	Oz. \$1.00 .10
3755	<b>Bright Rose</b> . . . . .	Oz. 1.00 .10
3760	<b>Lilac</b> . . . . .	Oz. 1.00 .10
3765	<b>Pure White</b> . . . . .	Oz. 1.00 .10
3770	<b>Rosy Scarlet</b> . . . . .	Oz. 1.00 .10
3775	<b>Shell Pink</b> . . . . .	Oz. 1.00 .10
3780	<b>Light Blue</b> . . . . .	Oz. 1.00 .10
3785	<b>Violet</b> . . . . .	Oz. 1.00 .10
3790	<b>Mixed</b> . . . . .	Oz. 1.00 .10
3795	<b>Dwarf Branching, or Emperor. Double Mixed.</b> 2 ft. . . . .	Oz. 75c. .10

**PERENNIAL VARIETIES.** See Delphinium.

For Plants, see page 120.

**Lathyrus latifolius** (Perennial Pea). H. P. Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places.

3800	<b>White</b> . . . . .	Oz. 75c. .10
3805	<b>Rose</b> . . . . .	Oz. \$1.00 .10
3810	<b>Scarlet</b> . . . . .	Oz. 60c. .10
3815	<b>Finest Mixed</b> . . . . .	Oz. 60c. .10

**Lavatera.** H. A. Large, glabrous leaves, quite ornamental. The Malva-like flowers borne on terminal racemes two to four inches across.

3818	<b>splendens</b> (Sunset). The color is a deep rose pink of charming brightness. The plant is quite compact, growing to a height of 2½ feet. Very effective when used as cut flowers, being especially valuable on account of its lasting qualities. Also greatly admired as a bedding plant. . . . .	.20
3820	<b>trimestris rosea.</b> Pink. 2 to 6 ft. . . . .	Oz. 75c. .10
3825	<b>trimestris alba.</b> White. 2 to 6 ft. . . . .	Oz. 75c. .10

**Lavender.**

H. P. Flowers borne on long, cylindrical spikes of rich violet color.

No.		Pkt.
3835	<b>English Sweet.</b> 1½ ft. . . . .	¼ oz. 35c. \$0.10

**Liatris** (Blazing Star). H. P. Flowers produced in wand-like spikes or racemes. Grouped in masses, they give the best effects. Thrives best in a poor soil.

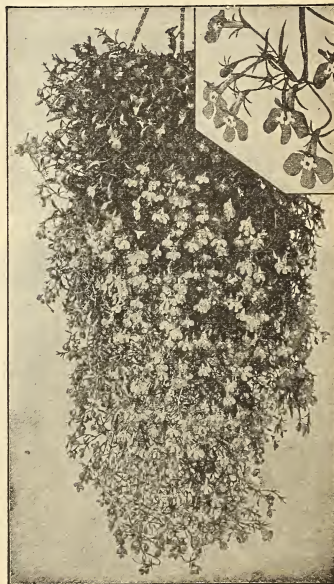
3850	<b>spicata.</b> Rosy lilac. 3 ft. . . . .	¾ oz. 50c. .15
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**Linum** (Flax). Flowers are borne on terminal racemes or cymes; though short-lived keep continually blooming. Plants of both annual and perennial of easy culture.

3860	<b>perenne.</b> H. P. Blue. 1½ ft. . . . .	Oz. 50c. .10
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**Lobelia.** A Popular and beautiful flowering plants that are indispensable for edgings, pot plants, hanging baskets or porch boxes. Literally covered with handsome blooms from early Summer to frost.

3870	<b>HYBRIDA SAPPHIRE.</b> Such a useful and ornamental Lobelia most surely will satisfy the increasing demand for plants that will succeed well in window and piazza boxes, and which are useful as trailers for hanging baskets or vases. The flower is of a deep sapphire blue with a large and well defined white eye, which makes a very pleasing and quite effective contrast. The seed, if sown in September, should commence to bloom about April in the greenhouse, and if sown during January the plants should flower during the latter part of May or June and continue till late Autumn. . . . .	.20
3880	<b>Crystal Palace compacta.</b> Deep blue. Fine for carpet bedding and edging. 4 in. . . . .	¾ oz. 50c. .10
3883	<b>speciosa</b> (Crystal Palace Variety). Deep ultramarine blue, dark foliage, trailing. . . . .	¾ oz. 40c. .10
3895	<b>cardinalis</b> (Cardinal Flower). H. P. Intense scarlet. 3 ft. . . . .	1-16 oz. 75c. .10



Lobelia hybrida Sapphire





Lupines are interesting and attractive cut flower plants that deserve to be better known



The Maurandia is a dainty and beautiful vine for conservatory or garden. Sow early



Marigolds, because of their varied types, have a place in every garden. Try the dwarf French sorts as borders

**Lupinus (Lupins).** H. A. Showy plants with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Used extensively for bedding. Do not attempt to transplant the annual sorts.

No.	ANNUAL VARIETIES	Pkt.
3910	<b>Finest Mixed.</b> 3 ft. ....	Oz. 50c. \$0.10
3915	<b>Pink Beauty.</b> Salmon pink, exceptionally fine for forcing or garden. Oz. 60c.	.10
3920	<b>Hartwegii Mixed.</b> A fine assortment of brilliant colors. Very popular. Oz. 75c.	.10
3925	<b>Snowdrop.</b> Pure white. ....	Oz. 60c. .10
3945	<b>Azure Queen.</b> Celestial-blue. ....	Oz. 60c. .10
3955	<b>subcarneus.</b> Deep blue. 3 ft. ....	Oz. 60c. .10
3960	<b>sulphureus superbus.</b> Yellow. 3 ft. ....	Oz. 60c. .10
<b>PERENNIAL VARIETIES.</b> For Plants, see page 122.		
3965	<b>Polyphyllus.</b> Blue. 3 ft. ....	¼ oz. 40c. .10
3968	<b>Rose</b> ..... ¼ oz. 40c. .10	
3970	<b>White.</b> 3 ft. .... ¼ oz. 20c. .10	
3980	<b>Douglasii.</b> Finest Mixed. Shades of pink, purple, blue and white. If sown early will flower the same year. ¼ oz. 30c.	.15
3985	<b>Perennial Finest Mixed.</b> ....	Oz. 60c. .10

**Lychnis.** H. P. One of the finest herbaceous perennials, perfectly hardy and very ornamental. Very brilliant.

3990 **Chalcedonica** (Maltese Cross). Intense scarlet. 2 ft. .... ¼ oz. 35c. .10

**Lythrum.** H. P. Immense spikes. Thrives in moist places.

4015 **roseum superbum.** Pink. 4 ft. ¼ oz. 25c. .10

**Matthiola** (Evening Scented Stock). H. A. Purplish lilac flowers on long, strong spikes; very fragrant. 1 ft.

4070 **bicornis** ..... Oz. 75c. ¼ oz. 25c. .10

## MARIGOLD (TAGETES)

Old-fashioned annuals, rich and showy, blooming continually all Summer; excellent for bouquets and a beautiful garden plant. Tall African varieties are best for garden and cutting, while French and other dwarf sorts are especially adapted for edgings.

No. **MAMMOTH AFRICAN, Double.** Pkt.

4100 **Finest Mixed.** 3 ft. .... ¼ oz. 25c. \$0.10

4105 **Lemon Queen.** 3 ft. .... ¼ oz. 25c. .10

4110 **Orange Prince.** 3 ft. .... ¼ oz. 25c. .10

**FRENCH, Dwarf Double.**

4140 **Finest Mixed.** 8 in. .... ¼ oz. 30c. .10

4145 **Gold Striped.** 8 in. .... ¼ oz. 40c. .10

4150 **Electric Light.** Primrose yellow, spotted red ..... ¼ oz. 40c. .10

4155 **Sunrise** ..... ¼ oz. 40c. .10

**SINGLE DWARF MARIGOLDS**

4175 **Legion of Honor.** Little Brownie. Large golden yellow with purple blotch. 1 ft. ¼ oz. 30c. .10

4180 **Signata pumila** (Miniature Golden Yellow). Very dwarf; compact; densely covered with bloom. .... ¼ oz. 30c. .10

No. **Marvel of Peru** (Four o'Clock). H. A. Large, showy, fragrant

flowers, blooming the entire season. Succeeds well in any ordinary garden soil; flowers are usually crimson-yellow and purple, requiring a sunny location. Fine for beds or borders.

4200 **Finest Mixed** ..... ¼ lb. \$1.00, oz. 30c. \$0.05

4201 **New Sweet Scented.** Large and showy fragrant white flowers, blooming throughout the season. Very attractive in beds or borders. .... .15

**Matricaria** (Feverfew). H. H. P. Should be treated as an annual. Seed should be sown early in hothouse and transplanted in the open after danger from frost is over.

4205 **grandiflora** f. pl. Pure white. Double. ¼ oz. 25c. .10

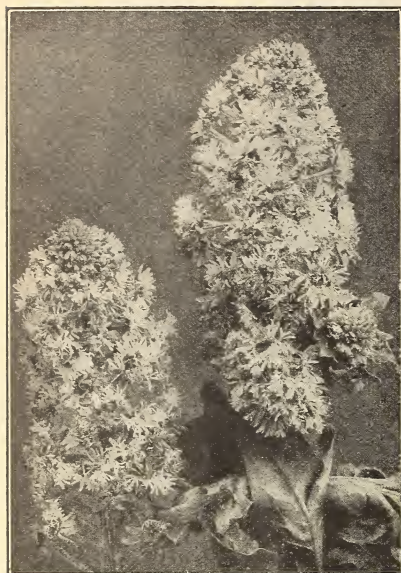
**Maurandia.** G. P. Twining vine, especially adapted to hanging baskets and window boxes. Succeeds well in the house during Winter months. 3 ft.

4215 **Finest Mixed** ..... ¼ oz. 50c. .10

**MESEMBRYANTHEMUM** (Ice Plant). See top, page 72.



Four o'Clock, Marvel of Peru—Named from their habit of opening in late afternoon



Mignonette, prized everywhere for its delightful fragrance is greatly in demand for bouquets

**Mignonette.** This popular annual is grown extensively for borders and edging, and is also used for forcing in greenhouses. Flowers are inconspicuous, borne on terminal spikes, but are very fragrant and excellent for cutting. No garden is complete without it. Seed may be sown indoors in March or in the open the latter part of May. For Winter flowering sow in August and seedlings will be ready for potting in September.

No.		Pkt.
4250	<b>FOTTLER'S ECLIPSE.</b> Very fragrant, producing in great profusion enormous spikes 10 to 15 inches long. Superior to all other sorts for winter growing, exhibition or cutting. Seed from under glass..... ¼ oz. \$3.00	\$0.25
4255	<b>Mammoth Fragrant.</b> Of robust and vigorous habit; immense spikes; very fragrant. 2 ft. ....Oz. \$3.50	.15
4260	<b>Giant Defiance.</b> Spikes, when well grown in greenhouse, average 10 to 15 in. ....Oz. 75c.	.10
4265	<b>Goliath.</b> Large spikes of bright red flowers; excellent fragrance. ¼ oz. 50c.	.10
4270	<b>Sweet Scented</b> ( <i>Reseda odorata grandiflora</i> ). Old-fashioned border variety. Lb. \$1.50, ¼ lb. 50c., oz. 25c.	.05
4275	<b>Giant Crimson.</b> 18 in. ....¼ oz. 25c.	.10
4280	<b>Improved Machet.</b> Immense spikes of reddish green flowers; very fragrant. ¼ oz. 30c.	.10
4283	<b>Golden Machet.</b> Large spike. ¼ oz. 35c.	.10

## Mesembryanthemum.

No.		Pkt.
4220	<b>crystallinum</b> (Ice Plant). H. A. Grown for its peculiar leaves, which are covered with small watery pustules, and glisten like ice. Flowers white. 1 ft. ¼ oz. 25c.	\$0.10
4225	<b>tricolor.</b> Succeeds well in hot, sandy soil; leaves thick and fleshy; flowers very brilliant and embrace all shades of orange, crimson, pink and white. ¼ oz. 25c.	.10

## Mimulus (Musk Plant). G. A.

4295	<b>moschatus.</b> Pale yellow flowers, lightly dotted and splashed with brown, ¼ inch across. 6 in. ....1-18 oz. 35c.	.10
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**MORNING GLORY.** See *Ipomoea*.

**MOURNING BRIDE.** See *Scabiosa*.

**Myosotis.** (*Forget-Me-Not*). H. H. P. The small star-like flowers are borne on numerous terminal racemes. Considered among the best of the Spring flowers and are most lovely when grouped with Pansies and Daisies. The tall varieties are of trailing habit and are adapted to large patches which they transform into a sea of blue. They flourish in shady, moist locations responding to good culture. Seed should be sown in August and the young plants wintered in a coldframe.

4345	<b>RUTH FISCHER.</b> The largest and finest Forget-Me-Not, flowers measuring from ¾ to 1 inch across, of a lovely sky-blue. Particularly fine for forcing, pot culture or Spring bedding. ....	.15
4360	<b>BLUE PERFECTION.</b> Beautiful dwarf. Indigo blue, very compact. ¼ oz. \$1.00	.15
4375	<b>VICTORIA.</b> Bright blue; dwarf, compact habit. Excellent for borders and baskets. 6 in. ....¼ oz. 50c.	.10
4385	<b>palustris semperflorens.</b> Excellent bright blue, flowering very early and continuing until Autumn. 6 in. ....	.10

Most plants will be benefited by an occasional top-dressing during the growing season with either **Fulvurized Sheep or Poultry Manure**. If troubled with root-lice, plants like *Asters* will have a sickly, stunted appearance. For these apply **Vermine** with a watering-can after diluting it one part to 400 parts of water. See our Fertilizer and Insecticide pages for these items.



Myosotis (Forget-Me-Not)



## NASTURTIIUM

(TROPÆOLUM)



Few plants are so useful or rich in color. They grow quickly furnishing the greatest abundance of cut flowers, surpassing even the Geranium in brilliancy and profusion of bloom.

The tall kinds are especially suitable for covering fences, rockeries, trellises, or waste places that may not be very fertile, while the dwarf are splendid for borders and edgings.

**Tall or Climbing Varieties**

Attain a height of from 10 to 12 feet. Pkt. 4400

**Blue Ribbon Mixture**

Its quality is not excelled by any, every precaution being taken to have nothing but the best and largest flowering varieties and the finest assortment of colors obtainable, free flowering, of the true climbing type.

Lb. \$1.50, ¼ lb. 50c., oz. 20c. \$0.10

**4410 FINEST ENGLISH MIXED.**

An imported mixture, containing a large assortment of rich and brilliant colors.

Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05

4415 **TALL ONYX MIXTURE.** Silvery variegated foliage, hardily two leaves alike. Flowers assorted. .... ¼ lb. 75c., oz. 25c. .10

Any of the following kinds. .... Oz. 20c. .10

4420 Blush Rose.	4455 Salmon Rose.
4425 Lilac Brown.	4460 Scarlet.
4430 Dark Crimson.	4465 Yellow. Spotted
4435 Maroon. Dark	carmine.
leaved.	4470 Fiery Red.
4440 Light Yellow.	Golden leaved.
4445 Orange.	4475 Terra Cotta.
4450 Pearl White.	Yellow ground.

Collection of 12 varieties. .... 1.00

Collection of 6 varieties. .... .50

**Dwarf or Bedding Varieties**

Grow only 12 to 18 in. high.

**4500 Dwarf Blue Ribbon Mixture.**

Lb. \$1.50, ¼ lb. 50c., oz. 20c. .10

**4510 DWARF FINEST ENGLISH MIXED.**

Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05

**4515 DWARF ONYX MIXTURE.**

Any of the following kinds: Oz. 20c., pkt. 10c.

4520 Terra Cotta.	4550 Golden Yellow.
4525 Yellow and Scarlet.	Golden leaved.
4530 Reddish Golden	4555 Bright Scarlet.
Bronze.	Dark leaved.
4535 Yellow. Spotted	4560 Garnet. Dark leaved.
maroon.	4565 White.
4540 Dark Crimson.	4570 Rose.
4545 Dark Scarlet. Dark	4575 Light Yellow.
leaved.	

Collection of twelve varieties. .... 1.00

Collection of six varieties. .... .50

**Lobbianum Varieties**  
(LOBB'S TALL NASTURTIIUM)

Much superior to ordinary varieties, very strong growing, producing larger flower stems and particularly free flowering. Colors are of the greatest brilliancy; and foliage of a deep green.

**No. 4700 Choice Mixture**

Pkt.

Lb. \$2.00, ¼ lb. 60c., oz. 20c. .... \$0.05



Triumph  
Exhibition  
Pansies

A trial means  
a pleased  
customer

**Nemesia.** H. A. Fine for small beds, especially rockeries, and in sunny spots. Seed may be sown indoors in March or outside in May in ordinary garden soil. Pkt.

- 4800 **strumosa Suttoni.** Terminal racemes of white and purplish tinted flowers. 18 in. .... 1-32 oz. 75c. \$0.15
- 4810 **Triumph Blue Gem.** Deep blue. .... 1-32 oz. 75c. .15

**Nicotiana** (Tobacco Plant). H. A. The long tube-like flowers are borne in clusters, and open toward evening. Very sweet and pleasing. 2 to 3 ft. Succeeds best in sunny beds or borders.

- 4880 **Affinis.** White. 3 ft. .... ¼ oz. 35c. .10
- 4840 **Sandera.** A brilliant carmine-red. 3 ft. Blooms all Summer. .... ¼ oz. 35c. .10

**Nigella** (Love-in-a-Mist, or Devil-in-the-Bush). H. A. Charming and showy flowers, with finely cut foliage which surrounds the flower.

- 4855 **Miss Jekyll.** Double; bright blue; excellent for cutting. The choicest variety known. .... ¼ oz. 25c. .10

**Oenothera** (Evening Primrose; Sun-drops). H. P. Suitable for shrubbery and perennial borders. The large clusters of flowers are showy and fragrant.

- 4864 **CALIFORNIA** (Rubricarpa). The striking, dark red buds contrast beautifully with the bright yellow petals. The whole top of the stem is also red, giving the plant a remarkably ornate appearance. 3 to 4 ft. Blooms all Summer, producing hundreds of large flowers 3½ inches in diameter. .... .20
- 4880 **Missouriensis** (Macroparva). Dwarf; yellow. 1 ft. .... ¼ oz. 20c. .10
- 4885 **Youngii.** Rich golden yellow. .... .10

## GIANT PANSIES

Pansies with their alluring little faces are among the most popular of all the Spring flowers, and are to be found in practically every garden, for they have such a charm and fill so many nooks, here and there, as well as being most effective when planted with Forget-Me-Nots as a border in large beds. Of course, everyone wants those extra large flowers with the particularly handsome colors, but it must be borne in mind that the finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Our strains are procured from the most experienced foreign and domestic, and we think the seed we offer is the equal of any on the market. The flowers will be found unsurpassed for size and form, beautiful markings, brilliancy of colors and shadings. Seed sown in May will flower during late Summer and Autumn. For early Spring flowering, sow in August and protect the young plants either in coldframes or with straw or boughs. Soil best suited should be light, well fertilized and requiring plenty of moisture. No. See Novelties, page 4. Pkt.

### 5000 Triumph Exhibition Mixture.

A superb mixture, especially desirable for its splendid variety of colors and markings, enormous size, beauty of form and fine texture.

Oz. \$10.00, ¼ oz. \$1.75 \$0.25

- MASTODON STRAIN.** As grown by one of the leading domestic growers this strain will be found huge in size, marvelous in form and substance and with distinct markings. The colors are wonderful. Unexcelled. It includes many new and unique shades, with a dozen or more variations in each color. .... ¼ oz. \$1.75 .25

- 5005 **Buganviva Giant Blotched.** Flowers very large and of extremely rich colors. .... Oz. \$6.00, ¼ oz. \$1.50, ¼ oz. 75c. .25

- 5010 **Cassier's Giant Odier. Finest Mixed.** An extra fine strain, producing the large blotched flowers of rich velvety colors. .... ¼ oz. \$1.50 .25

- 5040 **MADAME FERRET** (Phenomenal). Especially rich in wine red and crimson shades; very large blooms. Very choice. .... Oz. \$5.00, ¼ oz. \$1.50 .25

- 5045 **MASTERPIECE.** Giant Ruffled. Most valuable colors, the rich, dark velvety shades predominating. The petals are beautifully waved and ruffled. .... ¼ oz. \$1.50 .15

- 5065 **CHOICE MIXTURE.** An imported mixture of finest type, including a large variety of richest colors. .... ¼ oz. 75c. .10

### GIANT TRIMARDEAU VARIETIES

- 5080 **Finest Mixed** .... ¼ oz. 75c. .15
- 5092 **Adonis.** Soft lavender blue. .... ¼ oz. \$1.00 .15
- 5095 **Emperor William.** Ultramarine blue. .... ¼ oz. \$1.00 .15
- 5100 **Fire King.** Golden yellow, upper petals crimson. .... ¼ oz. \$1.00 .15
- 5103 **Freyia** (Silver-edged). Deep purple, white edged. .... ¼ oz. 60c. .15
- 5105 **Golden Queen.** Rich pure yellow. .... Oz. \$5.00, ¼ oz. \$1.50 .15
- 5110 **Golden Yellow.** Dark eye. .... ¼ oz. \$1.00 .15
- 5115 **King of the Blacks.** .... ¼ oz. \$1.25 .15
- 5120 **Lord Beaconsfield.** Violet shading to white. .... ¼ oz. \$1.25 .15
- 5123 **Peacock.** Reddish steel blue, delicate white edge. .... ¼ oz. \$1.25 .15
- 5135 **Snow Queen.** Giant, pure white. .... ¼ oz. \$1.25 .15

**TUFTED PANSY** (Viola Cornuta). Very free-blooming hardy plants, especially adapted for shrubbery. Flowers are not so large as the other varieties of Pansies, but are produced in much greater numbers and are of a great diversity of colors. Seed sown in April will be a sheet of bloom from June until frost.

- 5150 **Finest Mixed** .... ¼ oz. \$1.00 .10



**Pentstemon** (Beard Tongue). Flowers are borne on long terminal spikes, much resembling *Gloxinias*. Perennial varieties; will bloom the first season if sown early in March, continuing all Summer. 3 ft.

No.		Pkt.
5200	<b>EXHIBITION MIXTURE.</b> An entirely new race, giving the most glorious combinations of colors in scarlet, crimson, pink and white. The plants grow $2\frac{1}{2}$ feet high, with flower spikes 18 inches long, the individual flowers being 2 inches across .....	\$0.25
5205	<b>hybridus grandiflorus.</b> A superior mixture of the choicest perennial varieties .....	$\frac{1}{4}$ oz. 50c. .25
5215	<b>gloxinoides. Finest Mixed.</b> Annual. Flowers extra large and containing a variety of the richest colors. $\frac{1}{4}$ oz. 50c. .15	

## PETUNIA

H. A. One of our most popular annuals, of the easiest culture, thriving in almost any soil and frequently seeding itself and coming up the following year.

See also Novelties, page 4. For Plants, see page 125.

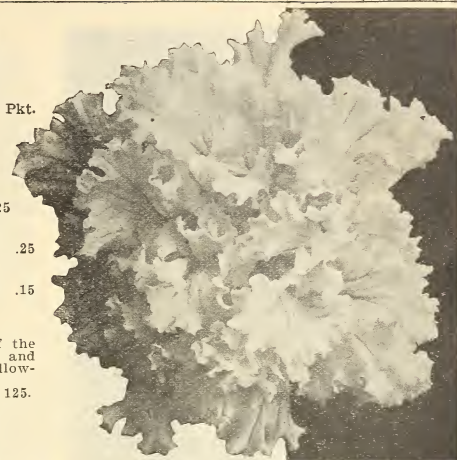
### DOUBLE FLOWERING VARIETIES

5370	<b>GIANT PERFECTION HYBRIDS.</b> A superb mixture of the finest doubles in existence, producing at least 70 per cent. of perfectly double flowers in pink, snowy white, violet, lavender, mauve, crimson and variegations in all these shades; measuring from 3 to 5 inches across .....	\$0.50
5375	<b>Choicest Mixed.</b> Comprising a large variety of colors .....	.25

### SINGLE FLOWERING VARIETIES

**BALCONY PETUNIAS.** Very few annuals of recent introduction have come into general favor more rapidly or into more general use than these splendid free-flowering, strong-growing Petunias that are well suited for decorating porch and window boxes, vases, and hanging baskets. Luxuriant in growth, exceptionally free branching and persistent in bloom. Separate colors only.

	<b>Rose, White, Dark Red, Deep Velvety Blue .....</b>	.25
5380	<b>California Fringed Ruffled Giants.</b> Enormous flowers, having edges of the petals beautifully waved and fluted, in a great variety of colors, many being handsomely veined ... 1000 seeds \$1.25	.35



Petunia, Double Flowering Giants

No.		Pkt.
5310	<b>Giants of California.</b> The most popular large-flowered variety with rich velvety colors and markings in every conceivable shade of crimson, white, violet, and lavender. The edges of the petals are beautifully fringed. Splendid for every use to which Petunias are put. 18 in. ....	1-64 oz. \$2.50 \$0.25
	<b>ROSALIE.</b> This new introduction is a selection of Rosy Morn, a clear beautiful rose, not showing the usual dull magenta common to the regular strain of Rosy Morn. It is particularly adapted for beds and borders and also exceptionally well suited for veranda and window boxes .....	.25
5315	<b>SPECIAL SINGLE BEDDING VARIETIES</b>	
	<b>Large-Flowered, Finest Mixed.</b> Flowers of very choice colors, large size and free blooming. ....	Oz. \$2.50 .10
5330	<b>Dwarf Inimitable</b> (Nana compacta multiflora). Excellent for pot culture and of dwarf habit. 6 in. ....	$\frac{1}{4}$ oz. \$1.00 .15
5332	<b>SNOWBALL.</b> The best pure white bedding sort $\frac{1}{4}$ oz. 60c. ....	.10
5333	<b>ROSY MORN.</b> Bright rosy pink, white throat, very popular. ....	$\frac{1}{4}$ oz. 75c. .10
5335	<b>HOWARD'S STAR.</b> Dark crimson, with white star in center. ....	$\frac{1}{4}$ oz. 75c. .10
5353	<b>GRANDIFLORA PERFECTION.</b> A new strain; very floriferous; flowers deeply fringed with choice colorings .....	.25
5340	<b>Gen. Dodds.</b> Blood red, very showy. ....	$\frac{1}{4}$ oz. 75c. .10
5345	<b>Violacea.</b> Very compact and free flowering. A beautiful steel blue or deep violet. ....	$\frac{1}{4}$ oz. \$1.00 .25
5355	<b>Single White.</b> 18 in. ....	Oz. \$1.50, $\frac{1}{4}$ oz. 50c. .10
5360	<b>Dark Red.</b> 18 in. ....	Oz. \$1.50, $\frac{1}{4}$ oz. 50c. .10
5365	<b>Rose.</b> 18 in. ....	Oz. \$1.50, $\frac{1}{4}$ oz. 50c. .10



Balcony Petunias



Phlox Drummondii Grandiflora

## Phlox Drummondii

For Plants, see pages 121 and 125.

This is one of the prettiest annuals and should occupy a prominent place in every garden. It is of easy cultivation, and unequalled for its profusion of bloom, which will continue until frost. The rich and brilliant colors produce an elegant effect in beds or borders. The flowers are also fine for cutting.

No. **GRANDIFLORA VARIETIES.** 1 ft.  
1/4 oz. 75c, 1/2 oz. \$1.25, oz. \$2.00

5400	Finest Mixed	..\$0.10	5430	Scarlet, White	
5405	alba. Pure white	..10		Eye	..10
5410	Bright Rose	..10	5435	Yellow	..10
5415	Crimson	..10	5440	Lilac	..10
5420	Dark Purple	..10	5445	Bright Scarlet	..10
5425	Shell Pink	..10			

Collection six separate varieties... ..50

**GRANDIFLORA. Dwarf.** 6 in.

5450	Finest Mixed	..1/4 oz. 60c.	..10
5455	Fireball Scarlet	..1/4 oz. 60c.	..10
5460	Salmon Pink	..1/4 oz. \$1.00	..15
5465	Pure White	..1/4 oz. 60c.	..10
5467	Yellow	..1/4 oz. 75c.	..15

**CUSPIDATA** (Star Phlox). Flowers star-shaped with long, pointed petals.

5470	Finest Mixed. 18 in.	..1/4 oz. 35c.	..10
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**PHLOX DECUSSATA** (Perennial)

One of the finest perennials. Extremely large heads of the most magnificent colored flowers, blooming in August and September.

5475	Finest Mixed	..1/4 oz. 75c.	..10
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**Physostegia** (False Dragon-Head). H. P.

One of the most attractive of our Midsummer blooming perennials, forming dense bushes 3 ft. high, bearing spikes of delicate tubular flowers.

5495	speciosa. Rosy lilac color	..10
5500	Virginiana grandiflora alba. New. Pure white	..1/4 oz. \$1.00

**Platycodon** (Japanese Balloon Flower). H. P. Large bell-shaped flowers, similar to the Campanula; fine for perennial borders.

Plants, see page 122.

5501	Grandiflora cerulea. Blue. 3 ft.	Oz. \$1.00	..10
5502	Grandiflora alba. White. 3 ft.	Oz. \$1.00	..10

## Poppy (Papaver)

Remarkable for their delicate satiny flowers of brilliant colors, ranging from pure white to the darkest crimson and violet. With their finely cut foliage and dainty blooms, poised on long, slender stems a bed of Poppies looks like a glimpse of fairyland on a bright sunny morning when covered with dew. Plant the seed in succession two weeks apart choosing, if possible, background of green foliage. Mix with sand so as to distribute the seed thinly and evenly. They will not transplant well.

### ANNUAL VARIETIES

No. **Superb English Mixture.** Consisting of the choicest varieties of both single and double flowering sorts, producing an endless assortment of the richest, most brilliant and delicate colors that will produce a most gorgeous effect.  
Lb. \$4.00, 1/4 lb. \$1.25, oz. 50c. \$0.10

**THE SHIRLEY.** A most popular bedding variety, containing the greatest range of colors.

**American Legion.** (New.) This fine Poppy is a dazzling orange-scarlet of enormous size, with long, strong stems.

5610	Finest Mixed.	Lb. \$4.00, 1/4 lb. \$1.25, oz. 50c.	..15
5615	Salmon Pink	..1/4 oz. 35c.	..10
5625	Deep Apricot	..1/4 oz. 35c.	..10
5630	Rose Pink	..1/4 oz. 35c.	..10
5640	Pure White	..1/4 oz. 35c.	..10

5645 **Scarlet Field Poppy.** The well-known Poppy of France, unsurpassed for covering barren spots. Persistently in bloom. Brilliant scarlet. 2 ft.

5660	glancum (Tulip Poppy).	Lb. \$6.00, 1/4 lb. \$2.00, oz. 60c.	..05
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5690	umbrosum (Caucasian Poppy).	Bright scarlet, black spots at base of petals. Oz. 60c.	..10
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### DOUBLE CARNATION FLOWERED.

5700	Finest Mixed.	Handsome and large fringed flowers of great delicacy. Oz. 40c.	..05
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### DOUBLE PÆONY FLOWERED.

5750	Finest Mixed.	Very showy flowers of large size and globular shape. Beautiful colors. 2 ft. 1/4 lb. 75c., oz. 40c.	..05
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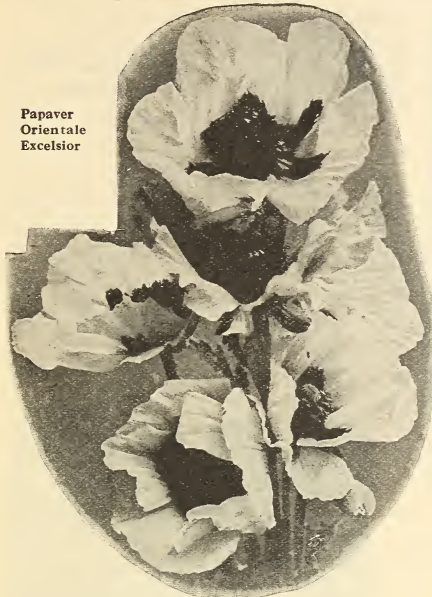
### RANUNCULUS FLOWERED.

5800	Finest Mixed.	Double flowers, with showy, thin crinkly petals. Oz. 50c.	..05
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Poppy, The Shirley



Papaver  
Orientale  
Excelsior

## Poppy (PAPAVER)

No.	PERENNIAL VARIETIES	Pkt.
	<b>ALPINUM.</b> An early flowering dwarf variety, blooming from May to September.	
5810	<b>Finest Mixed.</b> 1 ft. ....	\$0.10
	<b>NUDICAULE</b> (Iceland Poppy). 1 ft.	
5820	<b>Storrie's Excelsior</b> Strain. Contains many new and beautiful colors, including coral-pink, coral-rose, orange-pink, salmon-pink, rose-salmon, pale lemon, bluish, etc. ....	.15
5830	<b>Finest Mixed</b> ....	¼ oz. 40c. .10

### ORIENTALE (Oriental Poppy). 3 ft.

The Oriental Poppies are always welcome in any perennial bed, or even when grown by themselves. They are probably one of the easiest perennials to grow from seed, and the few fine varieties under cultivation at present all tend to dark shades.

### "EXCELSIOR" Choicest Hybrids

In this choice strain of new hybrids, a great many new shades and colors are represented in many of the delicate shades of pink and salmon to deep crimson. Pkt. 20c.

## New White Oriental Poppy

### Pure Satiny White, Crimson Blotch

Quite a new addition to the ordinary shades usually found in Oriental Poppies. It is a distinct "break."

No.	Pkt. 25c.	
5900	<b>orientale.</b> Bright scarlet, black spots at base of petals ....	¼ oz. 50c. \$0.10
5905	<b>Apricot Queen.</b> Apricot color; very large. ....	¼ oz. 60c. .15
5910	<b>Mahoney.</b> Maroon shaded crimson. ....	¼ oz. 60c. .15
5925	<b>Rembrandt.</b> Magnificent orange scarlet. The most gorgeous of all. ....	¼ oz. 60c. .15
5930	<b>Salmon Queen.</b> A beautiful salmon yellow. ....	¼ oz. 60c. .15
5935	<b>Queen Alexandra.</b> Bright rosy salmon, conspicuous crimson blotch. ....	¼ oz. 60c. .15

**Portulaca.** H. A. A very free flowering plant, excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July and a continuous display of flowers will be had until frost. 6 in.

No.	Pkt.
6000	<b>Finest Single Mixed.</b> ¼ lb. \$1.50, oz. 60c. \$0.05
6035	<b>Finest Double Mixed.</b> Oz. \$2.50, ¼ oz. 75c. .10

**Primula.** Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

### SINENSIS (Chinese Primrose). 'Gold Medal

Strain. This remarkable strain of Primrose is specially grown for us by an expert of long experience. Plants are sturdy, robust; large clusters of immense flowers, beautifully fringed, brilliant colors, on long, erect stems well above the foliage.

6050	<b>Finest Mixed.</b> Giant flowering. ....	.50
6055	<b>Giant Salmon Pink</b> ....	.50
6060	<b>Giant Lady B. Churchill.</b> Pure white. ....	.50
6065	<b>Giant Rose Queen.</b> Brilliant pink. ....	.50
6070	<b>Giant Deep Blue</b> ....	.50
6075	<b>Giant Crimson</b> ....	.50
6080	<b>Giant Queen Mary.</b> Soft flesh pink. ....	.50
6090	<b>Kewensis.</b> Large, golden yellow flowers; fine foliage and very ornamental. 18 in. ....	.50

### OBCONICA GRANDIFLORA. Selected

Strain. An improved type of Obconica, flowers large, borne in immense clusters, making one of the finest house plants.

6100	<b>Finest Mixed</b> ....	.25
6103	<b>Apple Blossom.</b> Beautiful delicate pink. ....	.25
6105	<b>alba.</b> Pure white ....	.25
6110	<b>Kermesina.</b> Deep crimson. ....	.25
6115	<b>rosa.</b> Rose pink ....	.25
6120	<b>liacina.</b> Lavender ....	.25

### Malacoides (Improved Baby Primrose).

For greenhouse or conservatory these make excellent pot plants. Very free flowering, as follows. Pkt. 25c. each.

6125	<b>Pink.</b> 6126 White. 6127 Lavender. ....	
6150	<b>acaulis</b> (English Yellow Primrose). H. P. Yellow. ....	.10
6165	<b>Polyanthus.</b> H. P. We are fortunate to be able to offer one of the best strains in cultivation, containing a variety of the best colors, ranging from white to deep crimson. Finest mixed. ....	.25



Single Portulaca



Salvia, a brilliant bedding plant—See page 125

## Pyrethrum. PERENNIAL VARIETIES

### ROSEUM HYBRIDUM GRANDIFLORUM.

Very showy flowers of easy cultivation; valuable for cutting. The Daisy-like blossoms borne in great abundance and a variety of colors.

No.		Pkt.
6185	Double Finest Mixed, 13 in. ¼ oz. \$3.00	\$0.15
6190	Finest Single Mixed	¼ oz. 40c. .10

## Rhodanthe.

6195	Manglesii (Everlasting). Brilliant rose. Fine for outside border, or for greenhouse flowering during the Winter...	¼ oz. 30c. .05
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**Ricinus** (Castor-Oil Bean). Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas; also used along fences.

6205	Bourboniensis arboreus. Tall, large, shining, purplish green foliage. 15 ft. ¼ lb. 60c., oz. 20c.	.05
6220	Sanguineus. Tall, with reddish stalks, reddish purple foliage. 10 ft. Oz. 25c.	.05
6225	Zanzibarensis. Finest Mixed. Extra large, strong grower, green and red foliage. 15 ft. ¼ lb. 50c., oz. 15c.	.05

## Rudbeckia (Cone Flower).

6245	purpurea. H. P. Very ornamental with reddish purple flowers. 3 ft. ....	.10
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**Salpiglossis.** H. H. A. The funnel-shaped flowers are borne on long, slender stems; rich velvety shades of yellow, crimson and purple, which are beautifully pencilled and veined; blooms very freely. July to October. 2 ft.

## SALPIGLOSSIS—Continued

No.	EMPEROR. ¼ oz. 75c., each, pkt. 10c.	
6255	Velvety Violet.	6280 Yellow.
6260	Dark Scarlet.	6285 Light Blue with Gold.
6265	Purple Brown with Gold.	6290 Finest Mixed.
6270	Rose and Gold.	
Collection of six separate varieties. .... \$0.50		

## SALVIA

For Plants, see page 125.

H. H. P. One of the most beautiful and showy of our Summer and Autumn flowering plants, with its long spikes of brilliant scarlet flowers. Excellent for bedding and for bordering large Cannas beds; also used for annual hedges along walks and driveways. No photograph or illustration can do this plant justice, as one must see its brilliance to appreciate its effectiveness.

Pkt.

6395	AMERICA (Globe of Fire). Has become very popular, it being of a dwarf, bushy habit. Plants grow about 15 inches high, producing spikes of brilliant scarlet flowers, which stand well above the plant, to a total height of 24 inches	..... \$0.20
6400	ZURICH. One of the best recent introductions, dwarf, compact habit producing long, thick spikes of brilliant scarlet flowers blooming in July. 18 in. ....	¼ oz. 75c. .20
6405	Splendens (Scarlet Sage). The largest and finest bedding variety, producing a great profusion of bloom from August until frost. 3 ft. ....	Oz. \$2.50, ¼ oz. 40c. .10
6410	OSTRICH PLUME. Plants resemble that of Salvia Splendens. Plumes of the brightest scarlet. Double flowers, the only double Salvia. ....	.25
6415	Bonfire (Splendens compacta). Beautiful dwarf variety, with long spikes of rich scarlet flowers; very free blooming. ....	Oz. \$3.00, ¼ oz. 50c. .15
6430	farinacea. Bright light blue, long bloomer. 3 ft. ....	Oz. \$1.75, ¼ oz. 30c. .10
6435	Patens. Intense bright blue, extra large velvety flowers	..... ¼ oz. \$1.50 .25



Salpiglossis Emperor



**Scabiosa** (Mourning Bride)

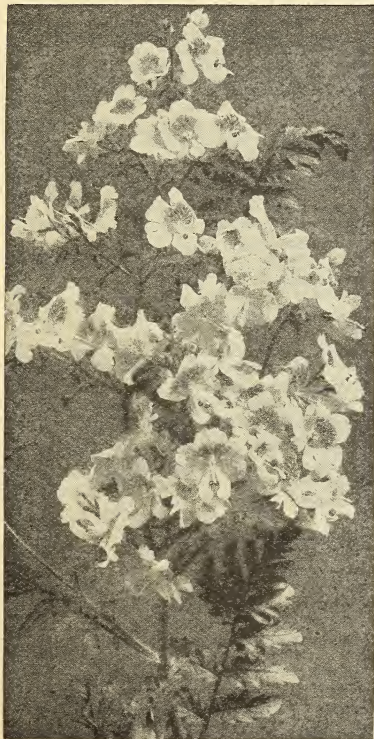
H. A. The soft shades predominate in these annuals which are so much in demand as cut flowers, although the purple and maroon shades also appear. The flower stems are long and slender and a bouquet of these pretty pincushion-like blooms makes a very effective display. Sow the seed outside when danger from frost is over. Height, 2 to 2½ ft.

No.	GRANDIFLORA.	Pkt.
6460	Finest Mixed .....	¼ oz. 25c. \$0.10
6465	Azure Fairy. Delicate lavender. ....	¼ oz. 25c. .10
6470	Fiery Red .....	¼ oz. 25c. .10
6475	Pompadour. Purple and white. ....	¼ oz. 75c. .10
6480	King of the Blacks. Velvety black purple .....	¼ oz. 25c. .10
6483	Rose .....	¼ oz. 25c. .10
6485	Sulphur Yellow .....	¼ oz. 25c. .10
6490	Flesh Color .....	¼ oz. 25c. .10
6495	Pure White .....	¼ oz. 25c. .10
	Collection of six separate varieties..	.50

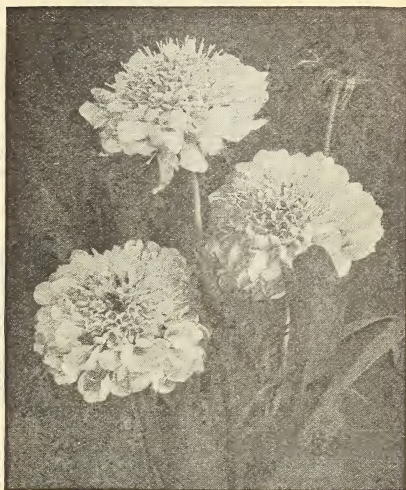
**HARDY PERENNIAL VARIETIES**

For Plants, see page 122.

6505	Caucasica. Flowers large, pale lilac, blooming all Summer and about 3 inches in diameter. 2 ft. ¼ oz. 60c. .10
6510	Caucasica alba. Pure white. ¼ oz. 75c. .10



Scabianthus Wisetonensis



Scabiosa

**Schizanthus** (Butterfly, or Fringe Flower).

H. A. Dainty, erect growing plants for the house or garden. Noted for its wonderful variety of coloring. Of easy culture; its peculiarly shaped and oddly marked flowers are fine for cutting.

No.		Pkt.
6520	Garaway's Hybrids. A wonderful strain growing about 2 ft. high, bearing white, pink, brilliant rose, or rich blue flowers in great profusion. Graceful fern-like foliage. Seed sown in February will produce Summer-blooming plants. Sow in May or June for plants to bloom in house or conservatory during the Winter. Mixed colors only .....	\$0.25
6525	hybridus grandiflora. Finest Mixed. 18 in. ¼ oz. 40c. .10	
6540	Wisetonensis. One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. ....	1-64 oz. 75c. .25
6545	Wisetonensis, Dwarf Hybrids. An improvement over the tall variety. Grows 18 inches, very compact, and showing bloom when 6 inches high. ....	.25

**Sedum** (Stonecrop). H. P. Suitable for rock-work, stone walls, edgings and dry situations. Their glaucous foliage and bright flowers invariably attract attention.

6555	Finest Mixed. 4 in. ....	Oz. \$1.00 .10
6585	Smilax (Myrsiphyllum asparagoides). G. P. Used extensively for inside decorations; climbing habit. 10 ft. ....	Oz. 50c. .10

**Solanum** (Jerusalem Cherry). G. P. Popular for greenhouse or house decoration; compact, bushy; dark green foliage; tiny white flowers. Seed pods bright scarlet.

6590	Capsicastrum. 2 ft. ....	.10
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**Statice** (Sea Lavender). H. P. Long panicles of small, light blue flowers, which if dried make nice Winter bouquets.

6600	Latifolia. H. P. \$0.15	6603 Sinuata Lavender .15
6601	Suworowi .15	6604 Sinuata Rose .15
6602	Sinuata Blue .15	6605 Sinuata White .13

**Stevia.** G. P. The tiny white flowers are produced in long, loose panicles.

6610	serrata. 2 ft. Fine for cutting. ....	.10
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**SUNFLOWER.** See *Helianthus*.

# Sweet Peas

## Choice Giant Spencer and Orchid-Flowering Varieties

Culture.—Ordinary good garden soil is suitable. The ground should be well drained to avoid water lying too long and becoming sour. Select for a location in your garden a place open and airy and which receives the sun all day.

Soil prepared as for vegetables produces fair results, but a little more care will repay the planter. It is well to cultivate and prepare the ground in the Fall, supplying at this time a good amount of stable manure and bonemeal.

Inoculate the seed with **Mulford Cultures** and insure success. Sow in trenches about four inches deep and cover to a depth of two inches, still allowing the center of the trench to remain at least two inches below the level of the ground, that water may be retained.

In case of dry weather, constant watering is necessary to keep the roots cool.

When the vines are up about six inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill. Spray thoroughly and often to prevent infestation with aphids. We can recommend **Black Leaf 40** for this purpose.



We  
Make a  
Specialty  
of the  
Best  
Strains  
and  
Varieties  
of Sweet  
Peas

## Giant Spencer and Orchid Flowering Mixture No. 7175

In offering this mixture we are undoubtedly giving the public the choicest obtainable. We use particular pains in selecting the best and largest-flowering strains, all of the true Spencer and Unwin types, as well as the colors that will blend together, our large assortment of varieties to select from, allowing us to secure the best results. Those included in this mixture will produce from three to four flowers on a stem, the blooms being far superior to the original Grandiflora type previously used. Beautifully waved and fluted with long stems, varying from 8 to 17 inches in length.

Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.75.

## The Novelty Collection of Sweet Peas

From the named varieties on our list, of choice Spencer varieties, we shall select 12 that embrace the entire color range in an effort to aid those of our many patrons who find this selection difficult to make for themselves. Although the separate varieties will be named, we reserve the right as to their selection. One regular size packet, each 12 varieties. Price, \$1.00.

No.		Pkt.	Oz.	¼ lb.
7000	<b>AMERICA.</b> Red flaked on white ground .....	\$0.10	\$0.30	\$1.00
7005	<b>ANNIE IRELAND</b> (New). Pure white, edged tetra cotta pink .....	.15	.50	1.50
7010	<b>ASTA OHN.</b> Delicate lavender, suffused mauve .....	.10	.25	.85
7015	<b>AURORA.</b> Cream white, flaked orange salmon .....	.10	.25	.85
7020	<b>BARBARA.</b> Fine salmon orange self .....	.10	.30	1.00
7025	<b>BLANCHE FERRY.</b> Pink and white .....	.10	.25	.85
7030	<b>CONSTANCE HINTON.</b> Black seeded white, with tinge of blush. ....	.10	.30	1.00
7035	<b>CONSTANCE OLIVER.</b> Delicate pink, suffused cream.....	.10	.30	1.00
7040	<b>COUNTESS.</b> Bright rose pink. ....	.10	.25	.85
7045	<b>FIERY CROSS.</b> Orange cerise .....	.10	.35	1.25
7050	<b>FLORA NORTON.</b> Bright blue, purple tint.....	.10	.25	.85
7055	<b>GOLDEN GLORY.</b> Glowing orange .....	.10	.35	1.25
7060	<b>HAWLMARK PINK</b> (New). Bright rose pink, flushed salmon. ....	.15	.50	1.75
7065	<b>HERCULES.</b> Mammoth rosy pink .....	.10	.30	1.00
7070	<b>ILLUMINATOR.</b> Orange salmon ground, toned bright cerise....	.10	.35	1.00
7075	<b>JEAN IRELAND.</b> Creamy buff, edged carmine .....	.10	.30	1.00
7080	<b>KING EDWARD.</b> Rich crimson scarlet .....	.10	.30	1.00
7085	<b>KING WHITE.</b> The best of the white Spencers. Enormous waved flowers .....	.10	.35	1.25



## GIANT SPENCER AND ORCHID-FLOWERING SWEET PEAS—Continued

No.		Pkt.	Oz.	¼ lb.	No.		Pkt.	Oz.	¼ lb.
7090	MRS. CUTHBERTSON. Clear rose pink, purples white flushed rose .....	\$0.10	\$0.25	\$0.85	7135	ROYAL SCOT (New). Glowing orange scarlet, burnless.....	\$0.15	\$0.50	\$1.75
7095	MRS. TOM JONES (New). Bright Delphinium blue.....	.15	.35	1.25	7140	SENATOR. Light ground, striped chocolate .....	.10	.30	1.00
7100	NUBIAN. Clear maroon or deep chocolate .....	.10	.25	.85	7145	STERLING STENT. Shrimp pink .....	.10	.30	1.00
7105	ORCHID. Rich deep lavender, suffused pink .....	.10	.30	1.00	7150	THE CARDINAL. Intense Poppy scarlet .....	.15	.50	1.50
7110	PICTURE (New). Flesh pink suffused creamy apricot.....	.15	.75	2.50	7155	VERMILION BRILLIANT. Brilliant iridescent scarlet.....	.10	.25	.85
7115	PRIMROSE. Yellow .....	.10	.25	.85	7160	WARRIOR. Deep maroon.....	.10	.35	1.25
7120	R. F. FELTON. Soft lavender. ....	.10	.35	1.25	7165	WEDGWOOD. Wedgwood blue .....	.10	.30	1.00
7125	ROSABELLE. Rose crimson, white blotch at base of standard .....	.10	.30	1.00	7170	WHITE SPENCER. Pure white .....	.10	.30	1.00
7130	ROYAL PURPLE. Deep purple .....	.10	.30	1.00	7175	SPENCER AND ORCHID-FLOWERING SPECIAL MIXTURE .....	.10	.25	.75

## Winter-Flowering Sweet Peas

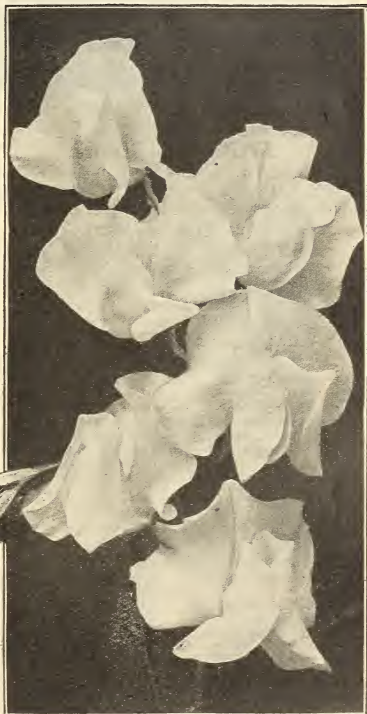
From the many varieties of Winter-flowering Sweet Peas, we have selected those that have been found to be the best forcing sorts. Some of the old favorites have been discarded in favor of the newer and improved kinds. A trial will convince you of their merits.

	Pkt.	½ oz.	Oz.
<b>ALL WHITE.</b> The finest white Sweet Pea. Produces four gigantic blooms on exceedingly long stems .....	\$0.25	\$1.00	\$1.75
<b>ASTA OHN.</b> Lavender, suffused mauve .....	.15	.75	1.25
<b>BLUE BIRD.</b> Violet blue.....	.15	.75	1.25
<b>COLUMBIA</b> (Improved Blanche Ferry). Salmon rose standard, white wings .....	.25	1.00	1.75
<b>ENCHANTRESS.</b> Rose pink.....	.15	.75	1.25
<b>FAIR MAID.</b> Blush pink suffused salmon. A new color in the early class. Robust growth carrying four stems regularly .....	.85	1.00	1.75
<b>GLITTERS.</b> Bright cerise. One of the best .....	.25	1.00	1.75
<b>GRENADIER.</b> The most brilliant Sweet Pea ever introduced. Color glowing scarlet, does not burn even at a temperature of 100 degrees under glass.....	.50	3.50	6.00
<b>HELEN LEWIS.</b> Orange salmon..	.15	.75	1.25
<b>IRENE.</b> The best clear lavender...	.25	1.00	1.75
<b>MADONNA.</b> Giant white, black seed. Unlike other black-seeded whites, it has no tinge of pink.....	.25	1.00	1.75
<b>MRS. A. A. SKACH.</b> Shell pink....	.15	.75	1.25
<b>MRS. CHAS. ZVOLANKE.</b> Lavender .....	.15	.75	1.25
<b>ORANGE BEAUTY.</b> Orange.....	.15	.75	1.25
<b>QUAKER MAID.</b> Early mauve. Blooms very large.....	.25	1.00	1.75
<b>ROSE CHARM.</b> Largest flowering bright rose variety .....	.25	1.00	1.75
<b>ROSE QUEEN.</b> Rose pink.....	.15	.75	1.25
<b>SNOWSTORM, IMPROVED.</b> Pure white .....	.15	.75	1.25
<b>THE BEAUTY.</b> Fiery rose.....	.15	.75	1.25
<b>WEDGWOOD.</b> Bright blue.....	.15	.75	1.25
<b>WHITE ORCHID.</b> Pure white.....	.15	.75	1.25
<b>YARAWA.</b> Bright rose-pink, lighter wings .....	.15	.75	1.25
<b>ZVOLANKE'S ROSE.</b> Giant rose pink .....	.25	1.00	1.75

## Grandiflora Sweet Peas

No. 7500 We have a galaxy of colors, of incomparable delicacy and richness, from pure white through yellow, orange salmon, rose, cerise, ruby, red, maroon, light blue, lavender, violet and purple, also striped and variegated.

Pkt. 5c., oz. 10c., ¼ lb. 35c., 1b. \$1.25.



A Splendid Spencer Sweet Pea



Stocks, Splendid spikes of this delightfully fragrant cut flower

### STOCK (Gilliflower)

H. A. One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of delightfully fragrant flowers that are splendid for cutting.

**BOSTON FLOWER MARKET (Branching).** A particularly large flowering strain, producing from 85 to 90 per cent. of full, double flowers, in sprays from 10 to 15 inches long. 2 ft.

No.		Pkt.
6700	Finest Mixed	\$0.15
6705	Brilliant Crimson	.15
6710	Canary Yellow	.15
6715	Dark Blue	.15
6720	Dark Blood Red	.15
6730	Peach Blossom. Rose pink, center shading to yellow	.15
6735	Bright Rose	.15
6740	Light Blue	.15
6745	Pure White	.15

**NEWPORT BEAUTY.** An exceptionally fine dwarf variety for early flowering; valuable for cutting and making one of the finest pot plants, producing 90 per cent. double flowers.

6795	Finest Mixture	.20
6800	Snowflake. Pure white	.20
6805	Delicate Light Rose	.20
6810	Light Blue. Extra fine	.20
6815	Ruby. Fiery red	.20
6820	Salmon. Soft, delicate salmon	.20
6825	Sapphire. Sapphire blue	.20

### LARGE FLOWERING, TEN WEEKS STOCKS

No.		No.	
6840	Finest Mixed	6860	Crimson
6845	Blood Red	6870	Sky Blue
6850	Brilliant Rose	6875	Violet
6855	Canary Yellow	6880	Pure White

Any of above: Pkt. 10c., ½ oz. 60c., ¼ oz. \$1.00.

### MAMMOTH COLUMN

6890	Bright Rose	6905	Crimson
6895	Pure White	6910	Dark Blue
6900	Light Blue		

Any of above: Pkt. 15c., ½ oz. \$1.25.

**Giants of Nice, Early Flowering Ten Weeks Stocks.** Excellent for Winter forcing and fine for Summer blooming.

No.		Pkt.
6912	Abundance. Fine spikes; carmine rose flowers	\$1.00 \$0.10
6915	Beauty of Nice. Delicate flesh pink; Extra large spikes	½ oz. 75c. .10
6918	Blood Red (Moulin Rouge)	½ oz. 75c. .10
6920	Rose of Nice	½ oz. 75c. .10
6925	Blanche Superb. Snow white	½ oz. 75c. .10
6926	Canary Yellow	½ oz. 75c. .10
6927	Casino. Light blue or lavender	½ oz. 75c. .10
6928	Chamois Rose	½ oz. 75c. .10
6935	Queen Alexandra. Rosy lilac	½ oz. 75c. .10
6940	President Roosevelt. Bright silvery delicate lilac, of extraordinary size, with long stems	.25

**Stokesia** (Cornflower Aster). H. P. Beautiful hardy perennials, with handsome lavender-blue, Cornflower-like blossoms. 2 ft.

6950	cyanea	¼ oz. 60c. .10
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**Sweet William** (*Dianthus barbatus*). H. P. Extensively used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, that are fine for cutting. An indispensable plant for perennial beds and borders. Seeds if sown in February and March usually flower the same Summer. For Plants, see page 120.

8040	<b>DOUBLE SALMON.</b> The flowers are of good size, of a rich salmon coloring, producing fine clusters of heads and extremely double	.20
8045	<b>SCARLET BEAUTY.</b> The color is an intensely rich, deep scarlet, almost identical in color with <i>Euphorbia splendens</i> , and quite different from all other scarlet varieties	½ oz. 40c. .20
8050	<b>Finest Single Mixed.</b> 18 in.	¼ oz. 25c. .10
8060	<b>HOLBORN GLORY.</b> A most magnificent strain with giant flowers and beautiful colors	½ oz. 30c. .10
8065	<b>Dark Crimson.</b> 18 in.	¼ oz. 25c. .10
8070	<b>Pure White.</b> 18 in.	¼ oz. 25c. .10
8075	<b>DIADEM.</b> The flowers are deep rich crimson, with a well defined white eye	.20
8076	<b>DOUBLE PURE WHITE</b>	.10
8080	<b>PINK BEAUTY.</b> Color a rich salmon pink	½ oz. 35c. .10
8090	<b>Double Finest Mixed.</b> 18 in.	¼ oz. 35c. .10



Sweet Williams are worthy of a place in every garden whether large or small



**Sweet Clover.** H. B. Cultivated for their fragrant flowers, which are commonly used for dried flowers.

No.			Oz.	Pkt.
8000	White.	3 ft.	.....	25c. \$0.05
8005	Blue.	2 ft.	.....	25c. .05
8010	Yellow (Suaveolens).	2 ft.	.....	25c. .05

**SWEET ROCKET.** See *Hesperis*.

**Thunbergia.** H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

8105	<i>alata</i> .	Yellow, with dark eye.	5 ft. ¼ oz.	50c. .10
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**Tritoma** (Red-Hot Poker Plant, or Flame Flower). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft., effective in single clumps or among shrubbery. Plants, see page 120.

8125	<i>Uvaria grandiflora</i> .	Orange and scarlet	.....	10
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**Tropæolum** (Canary Bird Vine). Rapid climber, of easy cultivation, flowering continually all Summer; flowers of a bright canary yellow.

8145	<i>Canariensis</i> .	.....	Oz. 50c.	.05
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**Valerian.** H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting.

8150	<i>Finest Mixed</i> .	.....	¼ oz.	25c. .10
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## VERBENA

H. H. P. One of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flowers, producing one mass of bloom throughout the Summer. Seeds may be sown in March or April indoors and planted out when weather permits. Succeeds well in any good garden soil.

8195	<b>HELEN WILLMOTT.</b>	This variety of Verbena is undoubtedly the handsomest under cultivation, and is unequaled for bedding. It is a true grandiflora type; since its introduction a few years ago it has not had a rival. The color is a beautiful bright salmon rose, with a pure white eye.	.....	20
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Verbena, Helen Willmott

VERBENA—Continued

No.			Pkt.
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**MONSTER FLOWERED VARIETIES.** We offer this particular type for the first time this season. It is a wonderful improvement over the old, having immense trusses, the individual florets measuring an inch in diameter. Seed sown in March indoors and transplanted in May will prolong the blooming season. Excellent results can be had by sowing in the open during May and June.

Pkt. 10c., ¼ oz. \$1.00, oz. \$3.50.

8200	<i>Finest Mixed.</i>	8213	<i>Lutea.</i> Yellow.
8205	<i>Pink.</i>	8215	<i>Blue.</i>
8210	<i>White.</i>	8225	<i>Scarlet.</i>

Lemon Verbena. See *Aloysia*.

**Veronica** (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.

8235	<i>longifolia.</i>	Rich blue.	3 ft. ¼ oz.	40c. \$0.10
8240	<i>spicata.</i>	Light violet blue.	3 ft. ¾ oz.	35c. .10

**Vinca** (Periwinkle). H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants with dark green foliage and the pink or white single flowers make fine pot plants.

8245	<i>Finest Mixed.</i>	1 ft.	.....	¼ oz.	60c. .10
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**Wallflower** (*Cheiranthus Cheliri*). An old-fashioned English flower, greatly esteemed for its fragrance and its free, Winter blooming qualities. Parisian varieties flower first season from seed.

8300	<i>Early Parisian.</i>	Light brown.	.....	10
8305	<i>Early Parisian.</i>	Blood red.	.....	10
8310	<i>Finest Single Mixed.</i>	18 in.	.....	10
8315	<i>Double Branching.</i>	<i>Finest Mixed.</i>	.....	10

**WILD CUCUMBER.** See *Echinocystis lobata*, No. 2790.



The rich Oriental reds and browns of Wallflowers are effective either for garden display or in bouquets

## CHOICE ZINNIAS (Youth and Old Age)



Giant Double-Flowering Zinnias can now be had in colors that will appeal to the most fastidious. Try them by all means, this year

Zinnias are indispensable annuals that are most popular as they can be grown universally with every assurance of success. They require but little attention from the time seed is sown. Being so easy to start, seed can be planted in the open after the middle of May, though they will come into bloom later than transplants from seed sown in hotbeds or conservatory. Space one and one-half or two feet each way to give each plant a chance to develop. Any good garden soil will answer for them, but like other annuals they will respond quickly to a dressing of fertilizer when established.

Our Mammoth Strain has truly colossal flowers, specimens having measured five and six inches across, mostly very double, semi-globular in form set well above the heavy foliage, the whole producing a very effective display especially in large beds. Really a large bed must be seen to fully appreciate them. The long, stiff stems are particularly desirable when the blooms are used as cut flowers, and they are well suited for this.

**GIANT DOUBLE FLOWERING, Mammoth Strain.** These improved Zinnias are one of the most brilliant, showy, and satisfactory of the annuals. The old-fashioned type, long a general favorite, stiff and prim, set with flowers often of dull, unattractive colorings has been far outstripped by this new strain, of which we offer the most sought for colors. In brilliancy and variety of colors we know of nothing to compare with it. Numerous customers have become so enthusiastic as to have already made sure of their supply of seed for next season. Height, 3 ft.

Pkt. 15c.,  $\frac{1}{4}$  oz. 50c., oz. \$1.75.

No.	No.
8380 <b>Crimson.</b>	8390 <b>Sulphur Yellow.</b>
8382 <b>Flesh Color.</b>	8391 <b>Orange.</b>
8384 <b>Golden Yellow.</b>	8392 <b>Violet.</b>
8386 <b>Purple.</b>	8393 <b>Rose.</b>
8387 <b>Lavender.</b>	8394 <b>White.</b>
8388 <b>Scarlet.</b>	8395 <b>Orange and Gold.</b>
8396 <b>Finest Mixed.</b>	

Collection of 12 Colors, \$1.50.

**NEW DAHLIA-FLOWERED.** A new type with flowers of immense size, and like the Decorative Dahlia in form. They appear in many beautiful pastel shades and are a valuable addition to the Zinnia family. **Packets only, 25c.**

**Buttercup.** An immense creamy yellow.

**Canary Bird.** Delicate primrose.

**Crimson Monarch.** The largest of the red shades.

**Dream.** Deep lavender. A new shade.

**Exquisite.** Light rose, deep center.

**Giant Attraction.** Brick red.

**Golden State.** Orange yellow. Very attractive.

**Old Rose.** A splendid old rose shade.

**Oriole.** Orange and gold, bicolor.

**Polar Bear.** Pure white.

**Special Mixed.** All colors, a fine blend.

Collection of Five Colors, \$1.10.

Collection of Ten Colors, \$2.00.

**DOUBLE DWARF, Large Flowering.** Grows from 12 to 18 in. high. A beautiful type.

Pkt. 10c.,  $\frac{1}{4}$  oz. 30c., oz. \$1.00.

8480 <b>Finest Mixed.</b>	8500 <b>Scarlet.</b>
8485 <b>Salmon Rose.</b>	8505 <b>Crimson.</b>
8490 <b>Sulphur Yellow.</b>	8510 <b>White.</b>
8495 <b>Orange.</b>	

Collection of Six Colors, 50c.

**CURLED AND CRESTED.** A large flowering variety with curiously curled and twisted petals. 2 ft.

8520 **Finest Mixed** .....Pkt. 10c.,  $\frac{1}{4}$  oz. 50c.

**LILLIPUT.** A small double flowering sort of dwarf habit; very effective when used as a border.

8565 **Finest Mixed.** 1 ft. ....Pkt. 10c., oz. \$1.00.

Realizing that each year someone is just beginning to learn the joys of gardening and may be more or less unacquainted with the relative merits of the various flowers offered in seeds, we are arranging some of the most popular in convenient groups from which a choice may, perhaps, be more easily made to suit each need. We can assure you, however, that it is only by a general acquaintance with the entire list that one can appreciate what beauty is to be found in addition to your favorites that you delight in growing each year, why not try some of those less well known to you, selected perhaps at random or else alphabetically, until the most important ones have been covered?

### ANNUALS FOR EDGINGS

Ageratum	Fansy
Alyssum	Pettunia
Asters	Portulaca
Candytuft	Phlox Drummondii
Forget-me-nots	Salvia
Lobelia	Verbena
Marigold	Zinnia
Nasturtium	

### ANNUALS FOR CUT FLOWERS

Antirrhinum	Marguerites
Asters	Marigold
Bachelor	Mignonette
Buttons	Phlox
Calendula	Scabiosa
Cosmos	Sweet Peas
Gaillardia	Stocks
Gypsophila	Zinnias

### ANNUALS FOR FRAGRANCE

Alyssum
Candytuft
Heliotrope
Lemon Verbena
Mignonette
Nicotiana
Stocks
Sweet Sultans
Wallflowers



# POPULAR DAHLIAS FOR 1924

Dahlias are being offered today in such a bewildering variety that it is quite impossible to expect the general public to be acquainted with their respective merits and make an intelligent selection. Our experience has been broad and of many years' standing, so we are particularly well fitted to choose the best, which we are now pleased to offer.

We have discarded many obsolete sorts, and the following list can be depended upon to contain only the most desirable kinds, that are most likely to prove satisfactory, vigor, freedom of bloom, size of flower, and cutting qualities considered. It contains all the favorite standard kinds with the cream of the novelties added.

**Note.**—We sell only tubers from field grown roots.

**OUR COLLECTIONS**—There is always a demand for Dahlias from persons unacquainted with the many varieties, and to fill this want we have made collections of desirable kinds as shown below. All of these we can heartily recommend as being very desirable. For a complete description of the various kinds we would refer to the following pages.

Ask for our  
Special Leaflet  
on  
Cultural  
Directions



See our  
Fall Window  
Display of  
Dahlias and  
Gladioli

## Boston Novelty Collection for 1924

1 each of 12 named varieties, \$10.00 postpaid.

All are choice and among the newer varieties, each a gem in itself and worthy of a place in any garden. Thrifty buyers will do well to choose this collection of positive merit.

**BEN WILSON** (Decorative). Velvety-red, tipped gold.  
**BERTHA STOREY** (Decorative). Pink.  
**DIANA** (Pæony-Flowered). Crimson-violet.  
**DR. TEVIS** (Decorative). Old rose and gold.  
**ETENDARD DE LYON** (Cactus). Carmine-rose.  
**F. L. MILLIS** (Decorative). Yellow, shading to orange.  
**GLORY OF NEW HAVEN** (Decorative). Purplish-mauve.

**MILLIONAIRE** (Decorative). Lavender, overlaid pink.  
**MISS HELEN HOLLIS** (Show). Deep scarlet.  
**MRS. CARL SALBACH** (Decorative). Lavender pink, shading to white.  
**MRS. H. E. FISKE** (Pæony-Flowered). Pure white.  
**SWEETHEART'S BOUQUET** (Pæony-Flowered). Salmon-rose, shaded fawn.

## Blue Ribbon Collection

(SELECT TYPES)

We recommend this collection with every confidence, the varieties being a good selection of the different types of Dahlias. All are worthy of general planting.

1 each of 12 named varieties, \$5.00 postpaid.

**ACHIEVEMENT** (Collarette). Maroon, white Collarette.  
**DAVID WARFIELD** (Show). Cherry-red.  
**F. W. FELLOWS** (Cactus). Orange-scarlet.  
**GOLDEN SUN** (Decorative). Golden yellow.  
**KALIF** (Cactus). Glowing scarlet.  
**MARGUERITE BOUCHON** (Cactus). Rose, white center.

**MRS. THOMAS BURCH** (Decorative). Old gold, shaded fawn.  
**PIERROT** (Cactus). Amber, white tips.  
**PRIDE OF CALIFORNIA** (Decorative). Crimson-red.  
**PURPLE MANITOU** (Decorative). Deep purple.  
**SNOWBALL** (Show). Pure white.  
**SOUTH POLE** (Pæony-Flowered). Snow-white.

DAHLIAS—Continued



Illustrated, we show the three most popular types, **Cactus**, **Decorative**, and **Peony-Flowered**, each beautiful, distinct and possessing a charm not equaled by any other flower during the early fall.

**"ALL STAR"  
COLLECTION**

Only \$1.50 postpaid

Twelve first-class varieties, of which our stock is large, including Cactus, Decorative, Show, Pompon and Single types, each properly named, in choice colors, no two alike. If purchased separately the cost would be nearly double. Satisfaction is certain.

**SHOW DAHLIA COLLECTION**

1 each of 6 named varieties, \$2.00 postpaid

**DREER'S WHITE.** White.  
**MAUDE ADAMS.** White, overlaid pink.  
**PRINCESS VICTORIA.** Yellow.  
**PURPLE GEM.** Royal purple.  
**STRADELLA.** Purplish-crimson.  
**VIVIAN.** White, edged violet.

**POMPON DAHLIA COLLECTION**

1 each of 6 named varieties, \$1.25 postpaid

No two alike, all colors, each bulb properly named. Good value.

**CACTUS DAHLIA COLLECTIONS**

1 each of 6 named varieties, \$1.50 postpaid.

**EUREKA.** Violet-crimson.  
**FALCON.** Dark maroon.  
**GOLDEN EAGLE.** Yellow, suffused rose.  
**GOLDEN GATE.** Deep golden yellow.  
**LIBELLE.** Rose magenta.  
**MRS. F. GRINSTEAD.** Rich crimson.

1 each of 12 named varieties, \$2.75 postpaid.

**AMAZON.** Purplish-violet.  
**EUREKA.** Violet-crimson.  
**FALCON.** Dark maroon.  
**FRANCIS WHITE.** Beautiful white.  
**GOLDEN EAGLE.** Yellow, suffused rose.  
**GOLDEN GATE.** Deep golden yellow.  
**J. H. JACKSON.** Crimson-maroon.  
**KALIF.** Glowing scarlet.  
**LIBELLE.** Rose magenta.  
**MARION THOMPSON.** Lemon-yellow.  
**MRS. F. GRINSTEAD.** Rich crimson.  
**SNOWSTORM.** Snow-white.

**DECORATIVE DAHLIA COLLECTIONS**

1 each of 6 named varieties, \$1.75 postpaid.

**ALPHONSE ISORE.** Garnet and violet.  
**GEN. FOCH.** Dazzling scarlet.  
**GOLDEN SUN.** Golden yellow.  
**LYNDHURST.** Vermilion scarlet.  
**PRINCESS JULIANA.** Pure white.  
**PURPLE MANITOU.** Deep purple.

1 each of 12 named varieties, \$3.50 postpaid.

**ALPHONSE ISORE.** Garnet and violet.  
**GEN. FOCH.** Dazzling scarlet.  
**GOLDEN SUN.** Golden yellow.  
**JACK ROSE.** The identical color of "Jack" Rose.  
**LYNDHURST.** Vermilion scarlet.  
**MADONNA.** White, tipped pink.  
**MRS. T. B. ACKERSON.** Carmine, tipped white.  
**MRS. THOMAS BURCH.** Old gold.  
**PRINCESS JULIANA.** Pure white.  
**PROGRESS.** Lavender, striped crimson.  
**PURPLE MANITOU.** Purple  
**SOUVENIR DE GUSTAVE DOAZON.** Rich scarlet.



## Select Named Dahlias

**ACHIEVEMENT** (Collarette). Outer petals a clear, rich, velvety maroon, collar a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish crimson. A remarkable contrast. Very large. **Each 25c., doz. \$2.50.**

**ADVANCE** (Cactus). An ideal exhibition scarlet. Created a sensation in England. 5 ft. **Each 35c., doz. \$3.50.**

**ALPHONSE ISORE** (Decorative). Rich garnet with violet on reflexed side of petals; medium large flower, produced on long stems. 4 ft. **Each 25c., doz. \$2.50.**

**AMAZON** (Cactus). Very large flowers of perfect form, purple violet. 4½ ft. **Each 25c., doz. \$2.50.**

**AMBER QUEEN** (Pompon). Rich, clear amber, shaded apricot. 4 ft. **Each 25c., doz. \$2.50.**

**AMERICAN BEAUTY** (Decorative). One of the most perfect Dahlias of a new wine crimson shade; exceedingly attractive. 4 ft. **Each 50c., doz. \$5.00.**

**AMUN-RA**—The "Sun God" Dahlia (Decorative). A magnificent sort, whose outer petals are a gorgeous copper and orange, shading to gold and amber, deepening in the large, full center to a rich dark reddish bronze—a wonderful coloring. Splendid stems, carrying the flowers well above the foliage. The blooms last for days when cut just before the flower is fully expanded. It must be seen to be fully appreciated. **Each \$3.50.**

**ARIEL** (Pompon). Buff, tinted orange. **Each 25c., doz. \$2.50.**

**ATTRACTION** (Pæony-flowered). Large elegant blooms of a clear lilac rose. It is an exhibition flower and garden Dahlia of rare cup shape. Slightly fragrant. **Each \$1.00, doz. \$10.00.**

**AUBREIGHT BEAUTY** (Single). A very free-flowering pure waxy white, of good form and appearance. **Each 25c.**

**BELOIT** (Cactus). A remarkably massive Dahlia, specimens measuring eight inches across and a depth of three inches, with petals large and thick. It carries its purplish crimson flowers entirely erect on stout stems, often two feet in length. 5 ft. **Each \$1.00.**

**BEN WILSON** (Decorative). An immense rich velvety red, each petal having just a tip of gold. A most attractive flower. **Each \$1.50.**

**BERTHA STOREY** (Decorative). One of the finest pure pink Dahlias grown. Extra large. **Each \$1.00.**

**BIG CHIEF** (Single). Rich crimson with maroon shadings on margin. 5 ft. **Each 25c.**



Amun-Ra

This grand variety possesses the splendid characteristics typical of the best decorative sorts which are uniformly gigantic in size

**BLANCHE** (Single). The massive flowers are of a pale yellow at the base; tipped pink overlaid with pure white. **Each 25c.**

**BONNIE BRAE** (Decorative). An immense exhibition sort of a most pleasing shade of cream, passing to a bluish pink. **Each \$2.00.**

**BRIDAL VEIL** (Hybrid Cactus). Without a doubt the most beautiful white of this type in existence. Its petals are nicely folded and the tips so twisted as to be unique in form, at once most graceful and charming. **Each \$3.50.**

**BRONZE BEAUTY** (Pompon). A fine, clear and delicate buff shading lighter. **Each 25c., doz. \$2.50.**

**CARMENCITA** (Decorative). A strikingly handsome variety, dwarf and compact, a veritable mass of blooms, throughout the season. Beautiful yellow flowers regularly striped red. Attractive. **Each \$2.50.**

**CARUSO** (Hybrid Cactus). A wonder in Dahlias. The yellow, pink and salmon shades are blended in a most unique fashion lending enchantment to this mammoth flower. Extremely beautiful. **Each \$5.00.**

**CHAMPAGNE** (Decorative). Without a doubt the largest Dahlia yet produced in California. In color it is a blend of warm Autumn shades varying from a burnished copper tone to a dull golden champagne and chamois. **Each \$5.00.**

**CITY OF PORTLAND** (Pæony). A very free-flowering deep yellow of immense size. A perfect exhibition variety and very popular. Clear in color and unusually free-flowering. **Each \$2.50.**

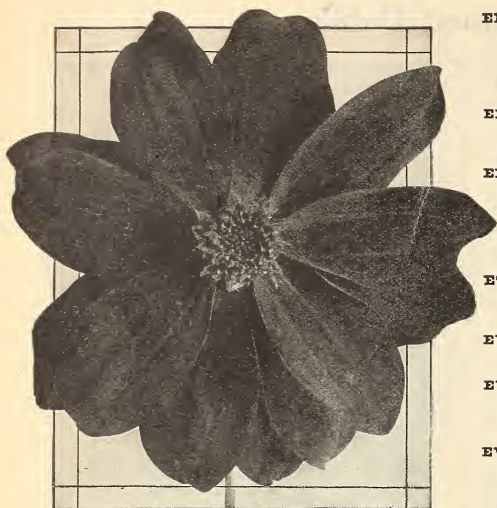
**CLARISSA** (Pompon). Dainty little flowers of a pale primrose. **Each 25c., doz. \$2.50.**

**COUNTRESS OF LONSDALE** (Cactus). An old favorite. For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, this variety has always given excellent satisfaction. It is undoubtedly the most profuse bloomer offered. A rich salmon, tinted apricot. 3 ft. **Each 35c., doz. \$3.50.**



Amber Queen

Pompons, with their small very double, quilled flowers, are profuse bloomers and are ideal for bouquets



Big Chief

A splendid example of the beauty to be found in the popular giant single Dahlias

DAHLIAS—Continued

**DAUNTLESS** (Single). Alternating in color from silvery pink to deep rose and elegantly striped crimson maroon. Each 25c., doz. \$2.50.

**DAVID WARFIELD** (Show). Extra good form and habit, with mammoth flowers of deep cherry red on long, wiry stems. 4 ft. Each 75c., doz. \$7.50.

**DEE-LIGHTED** (Show). A very large pure white, combining the good qualities of size, strength and length of stem, and freedom of bloom. Each 50c., doz. \$5.00.

**DELICE** (Decorative). One of the finest pinks, of excellent form, and perfect in type; delicate in coloring. Bright pink, suffused with a lavender pink. 4 ft. Each 35c., doz. \$3.50.

**DIANA** (Pæony-flowered). A very showy and beautiful crimson-violet borne in profusion. Each 75c., doz. \$7.50.

**D. M. MOORE** (Decorative). An enormous flower of deep crimson maroon shading almost to black; a very attractive variety when planted among light colors. 3½ ft. Each 35c., doz. \$3.50.

**DR. G. G. GRAY** (Cactus). The narrow needle-pointed florets of this variety curve and intermingle, forming blooms of great beauty. A self-color of a fiery, crimson scarlet. 5 ft. Each 35c., doz. \$3.50.

**DREAM** (Pæony-flowered). Never was a Dahlia more correctly named, its wonderful color reminding one of the setting sun. 4½ ft. Each \$1.00, doz. \$10.00.

**DREER'S WHITE** (Show). Symmetrical, round and beautiful glistening white flowers are carried on long stems. 3 ft. Each 35c., doz. \$3.50.

**DR. TEVIS** (Decorative). A magnificent blossom of a blend of copper, old rose and old gold. Immense flower with the best possible stem. A Californian variety which is a pleasure to boost. Has a tremendous record as a prize winner. Each \$1.00.

**ELDORADO** (Decorative). Picture a dwarf plant with immense golden yellow flowers of great substance, the vivid coloring emphasized by the deeper tones at the base of the petals, and you have this gorgeous variety. A truly wonderful sort, size, stem and coloring of the very best. Each \$7.50.

**EMPEROR** (Decorative). Of enormous size, perfect in form, with an extra long stout stem. It is a maroon of the finest type, the color not spotting under any weather conditions. Each \$5.00.

**EMPRESS** (Single). A lovely shade of rose-pink; large and beautiful. Each 25c., doz. \$2.50.

**ETENDARD DE LYON** (Cactus). The petals are broad, curled and wavy, and form a flower of immense size. The color is a rich carmine rose, of a most exquisite shade. One of the finest sorts for garden effect. 5 ft. Each 75c., doz. \$7.50.

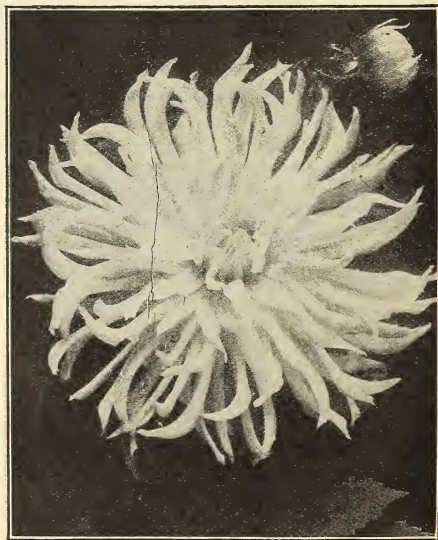
**ETRURIA** (Cactus). Most beautiful. A reddish-russet apricot. A vase of Autumn Oak foliage and this flower makes a wonderfully effective combination. 5 ft. Each 25c., doz. \$2.50.

**EUREKA** (Cactus). Rich velvety violet crimson to dusky purple in center; large blooms. 3½ ft. Each 35c., doz. \$3.50.

**EVANGELINE** (Hybrid Cactus). A splendid free-flowering sort with flowers 5 to 6 inches in diameter, of a pure white and just a tinge of cream at the center. One of the most desirable whites. Each 75c., doz. \$7.50.

**EVEQUE** (Pæony-flowered). One of the most charming new sorts. Its color, a deep purple, is unique, something entirely new in this type. The enormous blooms sometimes measure 8 inches across. 6 ft. Each 75c., doz. \$7.50.

**EXPOSITION DE LYON** (Collarete). Deep scarlet with fine yellow tip, collar narrow and white suffused lavender and washed crimson. 3½ ft. Each 35c., doz. \$3.50.



Glory of Wilts

An incurved variety possessing the grace, beauty of form, the richness of color, and the freedom of bloom so common to Cactus Dahlias



## DAHLIAS—Continued

**FALCON** (Cactus). A beautiful dark maroon, resembling J. H. Jackson, but with much finer petals, which are long and straight. 4 ft.  
Each 25c., doz. \$2.50.

**P. L. MILLIS** (Decorative). The flowers often measure 8 in. across. The color is yellow, with the base of the petals shading to orange.  
Each 75c., doz. \$7.50.

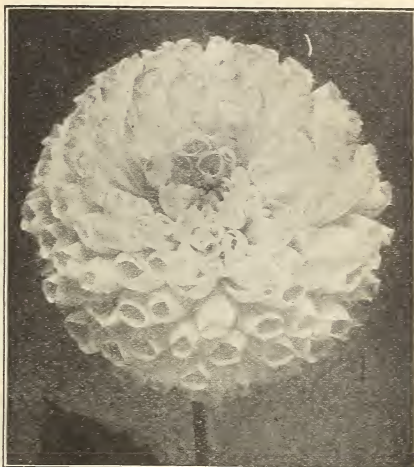
**FRANCIS WHITE** (Cactus). A charming white variety quite distinct and free flowering, the florets curling and twisting, giving a novel effect. 5 ft.  
Each 75c., doz. \$7.50.

**P. W. FELLOWS** (Cactus). Flowers are extra large on very long stems, and remarkably free. Color orange scarlet with long straight florets. 5 ft.  
Each 75c., doz. \$7.50.

**GEISHA** (Pæony-flowered). Its petals show more twist and curls than any other sort. The first flower comes fully double, while only those that follow show the beautiful golden center. A fine orange scarlet with yellow center paling off toward the tips.  
Each \$1.00, doz. \$10.00.

**GEN. FOCH** (Decorative). The dazzling scarlet flowers are very large and borne profusely above the foliage. Petals long and narrow.  $4\frac{1}{2}$  ft.  
Each 35c., doz. \$3.50.

**GEORGE WALTERS** (Cactus). This huge sort has wonderful bright pink blooms suffused with old gold, splendid Autumn tints. A strong, robust grower with splendid stems for cutting.  
Each \$1.00.



Grand Duke Alexis

Undoubtedly one of the best show varieties. The tightly quilled flowers are unique in appearance

**GLADYS SHERWOOD** (Hybrid Cactus). The largest white Dahlia ever introduced. Stems stout; has splendid keeping qualities as a cut flower.  
Each \$2.00.

**GLORY OF NEW HAVEN** (Decorative). A beautiful shade of purplish mauve. Very large, with a very attractive center. Plants are tall, robust growers and produce blooms with remarkable freeness on long, strong stems.  
Each \$1.50.

**GLORY OF WILTS** (Cactus). The finest, most beautiful, bright, clear yellow; of large size and very free. 5 ft.  
Each 35c., doz. \$3.50.

**GOLDEN EAGLE** (Cactus). Bright yellow with suffusion of rose and fawn which deepen toward the tip. Its habit is perfect with strong, erect stems. 5 ft.  
Each 35c., doz. \$3.50.

**GOLDEN GATE** (Hybrid Cactus). A very large flower of a rich, deep golden yellow suffused with fawn. Most attractive and exceedingly effective under artificial light.  
Each 35c., doz. \$3.50.

**GOLDEN SUN** (Decorative). A large golden yellow shaded lighter in the center. Exceedingly handsome.  
Each 50c., doz. \$5.00.

**GRAND DUKE ALEXIS** (Show). Color white, tinged soft lavender under the edges; petals quilled. 4 ft.  
Each 25c., doz. \$2.50.

**GRUSS AM WEIN** (Pompon). Crushed strawberry. 3 ft.  
Each 25c., doz. \$2.50.

**HERCULES** (Decorative). Enormous quilled tangerine and yellow flowers carried proudly erect on straight, stiff stems. The tangerine color on the reverse of the petals makes the flower unique and doubly attractive.  
Each \$5.00.

**HORTULANUS BUDDIE** (Pæony-flowered). A clear bright orange red; flowers of good substance and form.  $4\frac{1}{2}$  ft.  
Each 25c., doz. \$2.50.

**JACK ROSE** (Decorative). The identical shade of the rose with the same name; flowers early. 3 ft.  
Each 25c., doz. \$2.50.



Hortulanus Buddie

Pæony-flowered or "Art" Dahlias. Semi-double flowers, usually show a yellow center surrounded by small curling petals

DAHLIAS—Continued

**J. C. IDE** (Peony-flowered). A beautiful rosy purple, distinct shade with long, stiff stems. 5 ft. Each 50c., doz. \$5.00.

**J. H. JACKSON** (Cactus). A fine, brilliant crimson maroon with perfect flowers and long, narrow pointed florets. Each 25c., doz. \$2.50.

**JOHN RIDING** (Cactus). A rich deep crimson with large incurved blooms of the finest form, borne on long stems. One of the largest. Each 75c., doz. \$7.50.

**JUDGE ALTON D. PARKER** (Decorative). A wonderful exhibition variety of fine form, its very large and handsome flowers being an attractive shade of golden buff. Must be seen to be appreciated. Each \$5.00.

**JUDGE MAREAN** (Decorative). This is a riot of color, changing, as the flower grows older, into shades that blend exquisitely, varying from a glowing salmon-pink through red and orange to a pure gold. A very free bloomer, whose flowers stand up erectly on long, stiff stems, proudly aware of their beauty. Height 5 ft. Each \$3.00.

**JUDGE PRESTON** (Cactus). A well-formed flower of narrow petals and very free blooming. The color is a pretty clear bronze, and the flowers are borne freely on good stems. Each \$1.50.

**KALIF** (Hybrid Cactus). Truly majestic flowers measuring over nine inches in diameter, of a beautiful pure glowing scarlet, held erect on strong stems of wire stiffness, making it a most effective and useful variety for cutting as well as for garden decoration. Each 75c., doz. \$7.50.



Kalif

A giant hybrid Cactus variety of wonderful beauty and greatly in demand as a bright red



Maurice Rivoire

Collarettes are singles with a row of two of petals about the disc, usually of a different color than the larger outer ones. Distinct and showy

**KITTY DUNLOP** (Decorative). The delightful shade of the American Beauty Rose. Not only beautiful, but it possesses every characteristic to endear it to every Dahlia lover. Blooms freely and has an excellent keeping quality. Each \$2.50.

**LATONIA** (Peony-flowered). A distinct and beautiful variety of a deep golden yellow shaded toward the center to a primrose. The gigantic flowers will easily measure from 7 to 8 inches across. 4½ ft. Each 75c.

**LE GRAND MANITOU** (Decorative). A large white, more or less striped with violet red. Very unique and popular. 3 ft. Each 35c., doz. \$3.50.

**LIBELLE** (Cactus). A striking variety; of a deep rose magenta; very free flowering. 3 ft. Each 25c., doz. \$2.50.

**LYNDHURST** (Decorative). A noble flower of a rich and dazzling vermilion scarlet. Each 35c., doz. \$3.50.

**MME. D. BIJSTEIN** (Peony-flowered). A lovely shade of lilac blue flowers of exceptional beauty; large, well-formed with graceful curling florets. 5 ft. Each 35c., doz. \$3.50.

**MME. VAN DEN DAEL** (Decorative). A loosely formed flower of a true white, flushed a lively pink. 4 ft. Each 35c., doz. \$3.50.

**MADONNA** (Decorative). This remarkable Dahlia is one of the best medium priced sorts. In color it is a very beautiful white slightly tipped lavender pink. Admirable as a cut flower. Each 50c., doz. \$5.00.

**MARGUERITE BOUCHON** (Cactus). The plant has deep green foliage, and throws the flowers far above it. Symmetrical flowers of a magnificent shade of brilliant rose with very large white center and defined white tips. Each 75c., doz. \$7.50.



DAHLIAS—Continued

**MARGUERITE E. MILLIS** (Hybrid Cactus). A remarkably free blooming variety with blossoms which measure from 6 to 8 in. in diameter, of a clear lavender slightly shaded towards the center, and broad, fluffy petals, beautifully curled and twisted. Each \$2.00.

**MARION THOMPSON** (Cactus). One of the best of all yellows, the extra large blooms being a pure lemon yellow. An exceptionally good keeper as a cut flower. Stems long and stiff. Each 50c., doz. \$5.

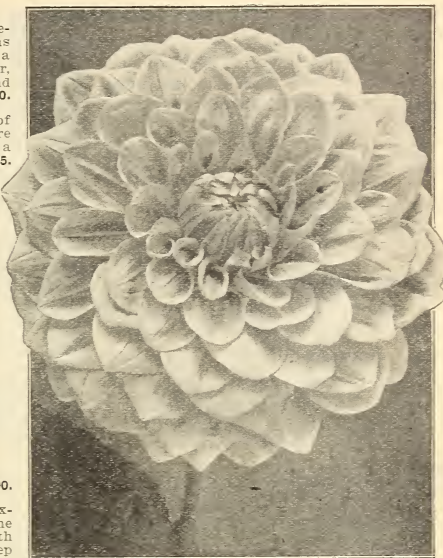
**MARS** (Pompon). Bright scarlet. 3½ ft. Each 25c., doz. \$2.50.

**MAUDE ADAMS** (Show). The color a pure snow white, very effectively overlaid clear pink; flowers of good size. 4 ft. Each 50c., doz. \$5.00.

**MAURICE RIVOIRE** (Collarette). The best of the entire collection. A massive flower of a dark crimson with a heavy pure white collar. 3½ ft. Each 25c., doz. \$2.50.

**MEPHISTOPHELES** (Decorative). The most magnificent Dahlia in existence. Color ruby red, showing golden-yellow points at the ends of most of the petals. The flowers are held erect on strong stems, which add to their beauty. As an exhibition variety it is second to none. A very free bloomer, often growing to a height of 8 ft. Though we cannot fittingly describe this horticultural wonder we can heartily recommend it to all Dahlia lovers. Each \$5.00.

**MILLIONAIRE** (Decorative). This huge variety exceeds any other Dahlia in existence in size. The color is a most dainty lavender overcast with pink. The flower is simply immense, very deep and heavy. After the first it is produced on extra long, heavy, stiff stems. No Dahlia collection is complete without a Millionaire. Each \$1.50.



The Millionaire

One of the finest and most popular Decorative varieties Makes a beautiful bouquet



Mrs. H. E. Fiske

Unexcelled as a pure white Paeony-flowered Dahlia. Huge in size and perfect in form

**MINA BURGLE** (Decorative). A champion variety of remarkable beauty; one of the best. Color a glowing and most brilliant scarlet. Each 50c., doz. \$5.00.

**MISS ELEANOR M. WINTER** (Decorative). Large blooms of a fine form. In color a rich yellow with a pinkish cast to the outer petals. Each \$2.50.

**MISS ETHEL P. SMITH** (Decorative). One of the largest growing, the flowers commonly 10 inches in diameter. Creamy white, shading to a lemon tint in the center. Profuse and so slightly above the foliage as to win the admiration of all who view it. Each \$2.00.

**MISS HELEN HOLLIS** (Show). A sensational wonder and undoubtedly the largest and best deep scarlet in existence. Each 75c., doz. \$7.50.

**MRS. A. McKELLAR** (Paeony-flowered). Distinct; a lovely terra cotta, shaded salmon. 4 ft. Each 25c., doz. \$2.50.

**MRS. CARL SALBACH** (Decorative). A remarkable Dahlia; size, form and free-blooming habit considered. The color is an attractive shade of lavender pink, shading to white. The flowers grow on long stems, well above the foliage. Each \$2.50.

**MRS. CHARLES TURNER** (Cactus). An extra large lemon yellow, perfect in form, and with long pointed petals. Each 35c., doz. \$3.50.

**MRS. F. GRINSTEAD** (Cactus). Deep rich crimson with just a suspicion of purple shading. Form of flower of the best incurved type. 3 ft. Each 35c., doz. \$3.50.

**MRS. GEORGE GORDON** (Paeony-flowered). An attractive large flower of creamy white. Each 25c., doz. \$2.50.

DAHLIAS—Continued

**MRS. H. E. FISKE** (Peony-flowered). The enormous flowers have edges of thin petals beautifully ruffled and fringed. Unsurpassed as a cut flower.

Each \$1.00, doz. \$10.00.

**MRS. I. DE VER WARNER** (Decorative). A gem, and universally admired, because of its soft orchid coloring, a shade seldom found in Dahlias. An extremely strong grower, producing its flowers on long, stout stems. Attracts attention wherever seen.

Each \$5.00.

**MRS. T. B. ACKERSON** (Decorative). Bright carmine, tipped and shaded pearl white. An exceptionally free bloomer. A fine Dahlia for cutting as well as for garden show.

Each 50c., doz. \$5.00.

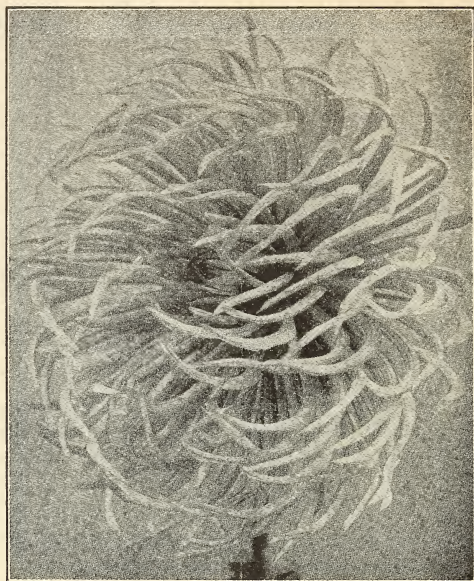
**MRS. THOMAS BURCH** (Decorative). An ideal Autumn shade, being a rich old gold sometimes marked with pink that shades to fawn—one of the best of the popular Autumn tints.

Each 75c., doz. \$7.50.

**MRS. WARNAAB** (Cactus). A wonderful sort, one of the finest cut flower varieties. This most fascinating variety appeals to every flower lover as a veritable sensation. The coloring is exquisite, being a delightful creamy white overlaid and blending to a charming shade of pink.

Each \$1.00, doz. \$10.00.

In addition to this catalog we regularly issue a Midsummer List in August of **Foot-Grown Strawberries**, and in September a catalog of **Bulbs for Fall Planting**. If you plant a garden, enjoy flowers inside or out, own a fruit tree or shrub, you should get these three lists and keep them close at hand for they are more than mere price lists. They contain information of value to every gardener.



Pierrot

A striking Cactus, unique in color, form and size. A superb garden variety

**NERISSA** (Pompon). Of that beautiful shade of lively mauve that appeals to everyone.

4 ft. Each 25c., doz. \$2.50.

**PAINTED LADY** (Peony-flowered). One of the most fascinating. Color a beautiful pale rose, flowers borne on enormously long stems; very free flowering.

Each 50c., doz. \$5.00.

**PATRICK O'MARA** (Decorative). Awarded a Gold Medal by the American Dahlia Society as the best of the Autumn shades in cultivation. Its color is a soft orange-buff, slightly tinged with rose. The flowers are of large size, well formed, with outer petals pleasingly curled.

Each \$1.50.

**PAUL MICHAEL** (Decorative). Sometimes called California Gold, it being a rich pure golden color. It can be grown to a majestic size for exhibition. Very free bloomer.

Each \$3.00.

**PIERROT** (Cactus). One of the best recent English introductions. A rich shade of amber, slightly tinged with bronze. Some petals are white tipped, others are solid in color, a variation which adds to its charm.

Each 75c., doz. \$7.50.

**PRIDE OF CALIFORNIA** (Decorative). A very choice crimson red, darker in the very full center. Strong and robust. Grow it to fully appreciate its many fine qualities.

Each \$1.00.

**PRINCESS JULIANA** (Decorative). The queen of Dahlias. Pure white, well formed flowers on long stems. Best for decorative work. 4½ ft.

Each 35c., doz. \$3.50.



Souvenir de Gustav Doazon

Still popular as an orange-red Decorative Dahlia of the largest size. Excellent in form and substance



## DAHLIAS—Continued

- PRINCESS VICTORIA** (Show). A long stemmed pure canary yellow of perfect form. A splendid bloomer. Each 25c, doz. \$2.50.
- PROGRESS** (Decorative). A clear lavender with stripes and blotches of soft crimson through each petal. Each 25c.
- PURPLE GEM** (Show). A rich royal purple, clear and constant, first class in every respect. A decided improvement over old sorts. Each 50c, doz. \$5.00.
- PURPLE MANITOU** (Decorative). A sport from the popular Le Grand Manitou, and one of the best purples. An extra large deep purple. Each 35c, doz. \$3.50.
- QUEEN WILHELMINA** (Peony-flowered). A most satisfactory pure white, with petals elegantly twisted. Extremely free blooming. 5 ft. Each 35c, doz. \$3.50.
- ROOKWOOD** (Decorative). An entirely new shade of a pure bright cerise—more like the popular Russell Rose than any other flower. Very strong and free. Each \$3.50.
- ROSA NELL** (Decorative). This clear bright Tyrian rose variety is very large—the best medium priced Dahlia. It is so bright as to immediately attract attention. Note the illustration. Each \$4.00.
- ROSE** (Show). The bright rose flowers are carried erect on stems 3 ft. in length and are exceedingly free blooming. 4½ ft. Each 50c, doz. \$5.00.
- SHADOW'S LAVENDER** (Decorative). No illustration will do this variety justice, for the color is changeable under different lights and at different seasons—a silvery lavender slightly shading to white. It blooms from early to late without a trace of a center showing. Large in size and unique in foliage, which is lace-like and very attractive. Each \$5.00.
- SNOWBALL** (Show). Ideal as a pure white for cutting, as it keeps well, and always has long stiff stems. Each 50c, doz. \$5.00.
- SNOWCLAD** (Pompon). Small white; very free. 3 ft. Each 25c, doz. \$2.50.



The U. S. A.

One must see this wonderful Decorative sort to appreciate fully the splendor of its coloring

- SNOWFLAKE** (Single). A large flower of the purest white. Each 50c, doz. \$5.00.
- SNOWSTORM** (Cactus). A large, bold white flower of fine form, moderately incurved, plants dwarf and sturdy; early flowering. 3 ft. Each 35c, doz. \$3.50.
- SOMERSWORTH** (Single). Each petal is slightly scooped and twisted from its center to the tip. An intense scarlet, with a broad band of gold around the prominent disc. 5 ft. Each 35c.
- SOLFATARE** (Peony-flowered). Carmine red with yellow center. 4½ ft. Each 25c, doz. \$2.50.
- SOUTH POLE** (Peony-flowered). An extra fine pure snow white, fluffy and extremely large. Each 75c, doz. \$7.50.
- SOUVENIR DE GUSTAVE DOAZON** (Decorative). These immense flowers—are borne in profusion from the earliest blooming to frost; 9½ inches in diameter; a rich scarlet. 5 ft. Each 35c, doz. \$3.50.
- STORM KING** (Show). A most reliable pure white. Flowers produced on long stems well above the foliage. Each 25c, doz. \$2.50.
- STRADELLA** (Show). Color deep purple crimson, quite loosely arranged, with deep cup and shaded petals. The flowers are perfectly round when in full bloom with long graceful stems. 4½ ft. Each 25c, doz. \$2.50.
- SULPHUREA** (Decorative). Extra large, clear sulphur yellow without shading. Very early, wonderfully free and a most constant bloomer. Petals are narrow, slightly rolled, whorled and reflexed like a comet Aster. Each \$1.00.
- SURPRISE** (Single). A very striking flower of a brilliant carmine with a lemon-chrome ring at the center. Beautifully striped and splashed. Blood-red. Each 25c.
- SWEETHEART'S BOUQUET** (Peony-flowered). A perfect flower of this popular type, large and carried on long, wiry stems. In color a unique shading of salmon rose, and fawn. One of the earliest to bloom and a variety that can be counted on to continue throughout the season. Each \$1.00, doz. \$10.00.
- T. G. BAKER** (Cactus). One of the finest yellow sorts for the exhibition table. The narrow, long incurved petals form almost perfect flowers, which often measure seven inches across; clear yellow. 3½ ft. Each 25c, doz. \$2.50.
- THE U. S. A.** (Decorative). All the desirable features of a Dahlia are found in this variety; color, formation and size, all the best. A wonderful deep orange, a color so hard to get in a Dahlia. The formation, too, is so exquisite and novel that to attempt to describe it accurately would be impossible. The immense flowers continue in bloom until frost. Each \$3.00.
- TOM LUNDY** (Hybrid Cactus). An introduction from California and one of the largest of this type grown. Of a dark velvety red, the blooms are held on long, stiff stems. A sensational novelty. Each 75c, doz. \$7.50.
- VIIVIAN** (Show). A perfect blending of colors. Pure white, distinctly edged rose violet, flowers of perfect type and form, full and deep. 4 ft. Each 50c, doz. \$5.00.
- WINIFRED POMEROY** (Peony-flowered). Carmine amaranth with silvery reverse. 4 ft. Each 25c, doz. \$2.50.
- WIZARD OF OZ** (Decorative). A California variety of exceptional merit. A wonderful cut flower of a creamy pink, large in size, strong stems, very beautiful. Each \$5.00.
- W. W. RAWSON** (Show). The petals toward the center are quilled, toward the outer part they are more open and flat. The entire flower is absolutely perfect in outline and formation. The color is pure white, overlaid amethyst blue. Very handsome. 4 ft. Each 50c, doz. \$5.00.
- YELLOW COLOSSE** (Show). Although it bears the name of Colosse, it has very little similarity to this flower, but it is the best exhibition yellow; the flowers come very perfect on the long stems. 3½ ft. Each 50c, doz. \$5.00.
- ZEPPELIN** (Peony-flowered). A delicate and most beautiful shade of mauve, perfect in form and very free flowering. Most pleasing and attractive. Each 50c, doz. \$5.00.

# GLADIOLI

Gladioli are the most popular of all the Summer flowering bulbs and rightfully so, they have so many excellent qualities and uses. Every garden should have some planted, especially for cutting, or for massing, or for filling in here and here among perennials and shrubbery where a splash of bright color will be effective. Our prices have been fixed at popular figures to encourage their use in quantity for we know what satisfaction will be yours to have these beautiful flowers in abundance.

Our list contains the best of recent introductions, as well as such old favorites as **America**, **Mrs. Francis King**, and **Peace**, we having discarded many of the undesirable types and colors that are too frequently offered.

Especially do we invite attention to the continual display we make of cut blooms in our show windows during the flowering season. Many of our patrons take that opportunity to make the selection of varieties for the next year, as the relative merits are shown to the best advantage.

Gladioli thrive in almost any good garden soil, but better results may be had if well prepared and enriched with some of our pulverized manures. Water freely, especially during the flowering season. Exposure to the sun is essential at all times. We advise planting from April to June, and should successive plantings be made, flowers can be had until October.

Bulbs may be set 4 inches deep in rows either singly or double, leaving about 4 inches between bulbs in drills 2 feet apart. When a mass effect is desired, plant from 6 to 8 inches apart.

**Note:**—Postpaid at each and dozen prices. 25 at the 100 rate, 250 at the 1000 rate.



## QUALITY MIXTURES

**Blue Ribbon Mixture.** Wonderful colorings are to be found in this assortment of varieties made up from the choice named sorts we list. We believe the mixture is unexcelled. All are of the best blooming size and are first quality bulbs in every respect. We cannot recommend it too highly. It will please the most critical buyer.  
Doz. \$1.00, 100 \$7.50, 1000 \$70.00.

**Special Mixture.** Of all good varieties, in large size bulbs.  
Doz. 45c., 100 \$2.75, 1000 \$25.00.

**Fiske's Exhibition Mixture.** We mix the bulbs for this choice blend ourselves and know that it is quality throughout—second only to our Blue Ribbon Mixture. It includes a large proportion of the named varieties found on the following pages. Doz. 80c., 100 \$6.00, 1000 \$57.00.

**Primulinus Hybrids.** Most pleasing self colors that vary from pale yellow to bright salmon, apricot, and light scarlet. These graceful flowers are of medium size, of a distinct hooded style and with prominent veinings on the petals. Mixed colors only. Doz. 75c., 100 \$5.00, 1000 \$45.00.

## COLLECTIONS FOR 1924

The following collections consist of a choice assortment of colors, each variety marked and of the best flowering size:

**No. 1.** 6 varieties, 1 bulb of each, our selection, 50c.

**No. 2.** 12 varieties, 1 bulb of each, our selection, \$1.

**No. 3.** 18 varieties, 1 bulb of each, our selection, \$1.50.

**No. 4. Novelty.** 12 varieties, 1 bulb of each, found described on page 95, \$4.00.





Mary Pickford



Gold



Purple Glory

## Some Particularly Fine Gladioli

**ALBANIA.** A most pleasing white variety, petals broad with crimped edges. Wide open, its flowers will measure  $3\frac{1}{2}$  inches or over in diameter. The 14 to 16 blooms are borne on spikes frequently 4 feet long. Each 25c., doz. \$2.50.

**CARMEN SYLVA.** Pure snow-white, throat slightly pencilled lilac, almost self-color. Stem tall, slender and wiry, always straight. An excellent variety for cutting. Each 25c., doz. \$2.50.

**GOLD.** A new, rich golden yellow variety. Throat a shade deeper, slightly dotted and streaked, almost self-color. Large flowers, many open at one time and perfectly placed. Without a doubt the grandest variety in cultivation. Awarded first prize at the Boston Show. This wonderful Gladiolus should be in every collection. Each \$1.00, doz. \$10.00.

**HELGA.** An unusually graceful spike with fine salmon rose flowers. The deep color is overlaid on a white ground. Very unique. Each 25c., doz. \$2.50.

**MRS. DR. NORTON.** Very large and well opened flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. White, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur-yellow, stained at the base with fine specks of Tyrian pink. A strong, vigorous grower and very free flowering. Each 35c., doz. \$3.50.

**MARY PICKFORD.** An extraordinary flower and spike of a most delicate creamy-white. Throat of soft sulphur-yellow, stem and calyx also white. The recipient of many medals. Sure to be a favorite. Each 35c., doz. \$3.50.

**MYRA.** (Primulinus type.) A giant-flowered variety of this popular species. Very showy, deep salmon over a yellow ground. Throat yellow with pink pencillings. Each 25c., doz. \$2.50.

**PRIDE OF LANCASTER.** A tall, very large variety with beautifully ruffled flowers of a brilliant orange salmon, and deeper orange throat. Each 35c., doz. \$3.50.

**PURPLE GLORY.** (The Giant of the Kunderl Glory race.) Its color is most remarkable, being of the deepest velvety maroon red with almost black blotches. Wonderfully ruffled and striking. Each 90c., doz. \$9.00.

**RAMONA.** (Primulinus type.) A dainty ruffled yellow flower, with a golden throat. Each 35c., doz. \$3.50.

**RED EMPEROR.** A most attractive, immense flower of a deep scarlet—a rich warm color for massing. Each 25c., doz. \$2.50.

**ROSE ASH.** (Ashes of Roses.) A color which attracts the attention of every one. The five-inch flowers are borne on a very strong 4-foot spike. Each 50c., doz. \$5.00.

**SPECIAL OFFER.** One bulb of each of the 12 above varieties, \$4.00.

GLADIOLI—Continued

**ALBANTIA.** A most pleasing white variety, petals broad with crimped edges. Wide open, its flowers will measure 3½ in. or over in diameter. The 14 to 16 blooms are borne on spikes frequently 4 ft. long.  
Each 25c., doz. \$2.50.

**ALICE TIPLADY.** Primulinus species X yellow Kunderdi. A grand, large Primulinus of the most beautiful orange saffron. Very choice.  
Each 25c., doz. \$2.50, 100 \$18.00.

**AMERICA.** Its color is a most beautiful soft pink, very much like the "Enchantress" Carnation. The individual flowers are very large and massive. There is no flower which can excel it in effectiveness.  
Doz. 60c., 100 \$4.00.

**ATTRACTION.** Deep, dark crimson, with a very conspicuous pure white center and throat. At once a most beautiful and attractive sort.  
Doz. 80c., 100 \$5.50.

**AUTUMN QUEEN.** Cream yellow. The upper petals are suffused with pink, while the lower are striped with carmine red.  
Each 15c., doz. \$1.50, 100 \$12.00.

**BARON HULOT** (Blue King). Good sized flower, well arranged on straight spikes. Dark violet bordering on blue.  
Each 15c., doz. \$1.25, 100 \$10.00.

**BLUE JAY** (True). Bright, light blue with white shadings. A strong grower, large flowers; often 5 ft. high.  
Each 60c., doz. \$6.00.

**CANARY BIRD.** A fine yellow, of a pure canary shade that is pleasing and attractive.  
Each 15c., doz. \$1.50, 100 \$10.00.

**CARMEN SYLVA.** Pure snow-white, throat slightly penciled lilac, almost self color. Stem tall, slender and wiry, always straight. An excellent variety for cutting.  
Each 25c., doz. \$2.50.

**CRACKER-JACK.** Large flowers of rich velvety dark red, throat spotted with yellow and dark maroon. A very beautiful variety.  
Each 10c., doz. \$1.00, 100 \$7.50.

**DAWN.** Strong, straight and vigorous plant over four feet high. Flowers large, of a delicate salmon shading to white inside, with a small claret stain on interior petals.  
Each 75c., doz. \$8.00.

**E. J. SHAYLOR.** Tall, very strong plant with large blooms. A beautiful, pure, deep rose pink. Very choice.  
Each 50c., doz. \$5.00.

**EUROPA.** A favorite white for cutting as it produces splendid spikes. Early.  
Each 20c., doz. \$2.25, 100 \$17.50.

**FLORA.** A very early fine, clear, light yellow, bearing a close resemblance to Golden Measure.  
Each 20c., doz. \$2.00, 100 \$15.00.

**GLORY OF HOLLAND** (Albion). A very fine white sort, usually having two spikes of flowers on one bulb.  
Each 10c., doz. \$1.00, 100 \$7.50.

**GOLD.** A new, rich golden yellow variety. Throat a shade deeper, slightly dotted and streaked, almost self-color. Large flowers, many open at one time and perfectly placed. Without a doubt the grandest variety in cultivation. Awarded first prize at the Boston Show. This wonderful Gladiolus should be in every collection.  
Each \$1.00, doz. \$10.00.

**GOLDEN GATE.** Tall, vigorous. Large, showy yellow, finely ruffled.  
Each 35c., doz. \$3.50.

**GOLDEN WEST.** One of the best exhibition varieties on account of the variety of markings, its color being a clear orange scarlet, the lower petals striped and blotched with golden yellow faintly suffused with violet shadings. The individual flowers are of large size and seem to stand out boldly, making it very noticeable among any collection.  
Each 15c., doz. \$1.50.

**GEETCHEN ZANG.** An immense spike of delicate salmon pink. Very attractive.  
Each 20c., doz. \$1.75, 100 \$12.00.



Flora



Attraction





Myrtle



Mrs. Frank Pendleton

## GLADIOLI—Continued

**HALLEY.** Delicate salmon pink predominates with a slight rosy tinge. Lower petals have a creamy blotch with a bright red stripe in center.

Each 10c., doz. \$1.00, 100 \$6.00.

**HELGA.** An unusually graceful spike with fine salmon rose flowers. The deep color is overlaid on a white ground. Very unique. Each 25c., doz. \$2.50.

**INDEPENDENCE.** One of the best for cutting. Spikes are long and sturdy, with large, wax-like flowers of brilliant rose pink and a richly marked throat.

Each 10c., doz. \$1.00, 100 \$7.00.

**KUNDERDI GLORY.** A delicate cream pink, each lower petal having an attractive crimson stripe through the center. Pretty ruffled and ruted.

Each 15c., doz. \$1.50, 100 \$10.00.

**LE MARECHAL FOCH.** One of the largest Gladioli ever produced. It bids fair to displace the ever-popular America as soon as there are sufficient bulbs to supply the demand. One of the earliest of all Gladioli to bloom, while the flowers are unusually large and well placed on strong, stiff spikes. A charming shade of clear light pink without any suspicion of a shading or marking.

Each 20c., doz. \$2.00, 100 \$15.00.

**LILYWHITE.** The fine, new, pure snow white that florists have long been looking for. A reliable first-class early forcing variety. Six to seven good blossoms open at a time. Very prolific.

Each 20c., doz. \$2.00, 100 \$15.00.

**LOVELINESS.** Flowers very large and open on a long spike, well placed. A clear creamy white, slightly suffused, apricot in the throat.

Each 20c., doz. \$2.00, 100 \$15.00.

**MARY FENNEL.** Deep lavender shading to a paler tint; lower petals primrose yellow, with penciling of lavender.

Each 15c., doz. \$1.50, 100 \$10.00.

**MARY PICKFORD.** An extraordinary flower and spike of the most delicate creamy white. Throat of same tint. Stem and calyx is also white. Worthy of a great name.

Each 35c., doz. \$3.50, 100 \$28.00.

**MISS HELEN FRANKLIN.** Pure white with violet markings on lower petals. Vigorous and tall, with strong, straight spikes averaging 4 to 10 flowers open at one time.

Each 20c., doz. \$2.00, 100 \$15.00.

**MRS. DR. NORTON.** Very large flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. White, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur yellow, stained at the base with fine specks of Tyrian pink. Strong and vigorous grower.

Each 35c., doz. \$3.50.

**MRS. FRANCIS KING.** Always arouses comment and admiration, both for size of flower and beauty. Its color is a light scarlet, very large flowers, usually measuring from 2½ to 4 inches in diameter.

Doz. 75c., 100 \$5.00.

**MRS. FRANK PENDLETON.** One of the finest Gladioli of the present time. In color it is the most exquisite salmon pink with a very conspicuous blood-red blotch in the throat on the lower petals. Very strong, growing from four to six feet.

Each 15c., doz. \$1.50, 100 \$10.00.

**MRS. WATT.** Brilliant wine, having no markings of other shades, closely resembling a Hadley Rose. Flowers are well placed on a very stout stalk with many open at one time. Midseason to late.

Each 15c., doz. \$1.25, 100 \$8.00.

**MYRA** (Primulinus type). A giant-flowered variety of this popular species. Very showy, deep salmon over a yellow ground. Throat yellow with pink penciling.

Each 25c., doz. \$2.50.

**MYRTLE.** Awarded silver medal by the Mass. Horticultural Society as a delicate rose pink. One of the most beautiful soft pink colors of recent introduction. Flowers extra size and fine form.

Each 20c., doz. \$2.00, 100 \$15.00.

**NIAGARA.** A delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine and the lower ends of the outside petals are also blushed with carmine.

Each 10c., doz. \$1.00, 100 \$8.00.

**ORANGE GLORY** (Kunderdi Glory type). Grand orange colored with beautiful lighter throat. Very rich and striking color.

Each 35c., doz. \$3.50.

**PANAMA.** An excellent variety and a great improvement on the original America, being a somewhat deeper pink. Spikes are long, flowers large and well arranged.

Each 10c., doz. \$1.00, 100 \$8.00.

Every Autumn we stage a very attractive display of Dahlias and Gladioli in our store windows. Starting with the early blooms we continue this show until frost spoils them. All the various varieties are shown as they come into flower. We cordially invite an inspection of the many excellent kinds which we offer to the trade, as it is only by seeing many of these that their full beauty can be discovered and appreciated, for all too frequently our catalog description fails to do full justice. Orders may be left at that time, if you wish to do so, for delivery the following Spring.

GLADIOLI—Continued

**PEACE.** A beautiful white, while interior petals are feathered pale lilac. Not an early bloomer, but if planted with other varieties will flower about the time they are finished.

Each 15c., doz. \$1.25, 100 \$9.00.

**PINK PERFECTION.** Very large blooms of fine form, of a beautiful shade of apple blossom pink, similar in color to Carnation Enchantress.

Each 20c., doz. \$1.75, 100 \$12.00.

**PRIDE OF GOSHEN.** A giant Kunderdi Glory, of a salmon or flesh pink. The flowers are elegantly waved. Exceptionally tall and vigorous plant.

Each 20c., doz. \$1.75, 100 \$12.00.

**PRIDE OF LANCASTER.** A tall, very large variety with beautifully ruffled flowers of a brilliant orange salmon, and deeper orange throat.

Each 35c., doz. \$3.50.

**PRIMULINUS HYBRIDS.** Self-colors; most pleasing on account of their delicacy, slenderness and peculiar form. The petals are quite thin, making the veining very prominent. They vary from pale yellow to bright orange salmon, apricot and light scarlet. These graceful flowers are of medium size, with the upper segments somewhat drooped, making a quite distinct hooded form.

Doz. 75c., 100 \$5.00, 1000 \$45.00.

**PRINCE OF WALES.** Delicate salmon rose of great value.

Each 25c., doz. \$2.50.

**PURPLE GLORY.** The Giant of the Kunderdi Glory race, and of remarkable color. Deepest velvety maroon red, with almost black blotches on the petals. This wonderful variety should be included in every collection. Beautiful and distinct.

Each 30c., doz. \$9.00.

**RAMONA.** (Primulinus type). A dainty ruffled yellow flower, with a golden throat.

Each 35c., doz. \$3.50.

**RED EMPEROR.** A most attractive, immense flower of a deep scarlet. A rich, warm color for massing.

Each 25c., doz. \$2.50.

**ROSE ASH** (Ashes of Roses). A color which attracts the attention of every one. The five-inch flowers are borne on a very strong 4 ft. spike.

Each 50c., doz. \$5.00.

**ROSE GLORY.** A very large and beautifully ruffled variety. Pure rose-pink color. Deeper in throat. Extra fine.

Each 30c., doz. \$3.00.

**SCHWABEN.** The flowers are a pure canary yellow, shading to a sort of sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish line.

Each 15c., doz. \$1.25, 100 \$9.00.

**SULPHUR KING.** The most valuable yellow variety in general use. It produces a very long spike of beautiful clear sulphur yellow, the finest and purest yellow sort.

Each 25c., doz. \$2.50.

**SWEET ORRA** (Primulinus type). Tall. Fine pale yellow. Pink throat.

Each 15c., doz. \$1.50, 100 \$10.00.

**VIOLA.** A very large flower of exquisite deep violet blue, gradually shading deeper at the edges, throat having a purple garnet blotch, edged soft canary yellow.

Each 30c., doz. \$3.25.

**WAR.** Deep blood-red, large flowers. Very tall.

Each 10c., doz. \$1.00, 100 \$7.00.

**WHITE GIANT.** A truly splendid large pure white of immense size.

Each 25c., doz. \$2.50.

**WHITE GLORY.** A gorgeous pure white of the exact size and type of Kunderdi Glory, with its beautiful Iris-blue throat. Fine as a delicate Iris.

Each 35c., doz. \$3.50.

**WILLBINK.** An early flowering variety with attractive flesh-pink flowers and a creamy blotch on the lower petals.

Each 15c., doz. \$1.50, 100 \$10.00.

**YOEULL'S FAVORITE** (Kunderd). One of the favorites among ruffled varieties. Large flower and plant. Striking rosy lavender pink. Conspicuous and fine.

Each 20c., doz. \$2.00.



White Glory



Orange Glory





Lilium rubrum

## HANDSOME HARDY LILIES

Postpaid at each and dozen prices.

Hardy Lilies are splendid for their fragrance, beauty, variety of form and handsome colorings. They are very effective whether planted singly or in groups outside, or in pots for interior decoration. They are a specialty with us and by making a careful selection from the many sorts we offer one can have continuous blooms from early Summer until Fall.

Lilies do best in the hardy border or among shrubbery, for the reason that the flowering stems bear masses of roots immediately below the ground surface, and the shady situation helps these roots to better feed the plant; when through flowering, these roots help in the rehabilitation of the bulbs for another season. Any good garden soil with good drainage will do. In planting, cover bulbs at least twice their height, and, if possible, place sand under them so as to provide drainage. When hard frost sets in, cover with 4 to 6 inches of leaves or litter which should be removed when Spring sets in.

**LILIAM AURATUM.** (Gold-banded Lily of Japan.) The most beautiful variety of all and should be in every garden. Flowers white, dotted crimson, with a clear golden band through the center of each petal; very fragrant. It grows on a strong stem, 4 to 5 feet high, with from 6 to 12 blooms frequently measuring 10 inches across when expanded.

**Jumbo Bulbs.**

Each 60c., doz. \$6.00, 100 \$48.00.

**Extra Large Bulbs.**

Each 50c., doz. \$5.00, 100 \$40.00.

**First Size Bulbs.**

Each 40c., doz. \$4.50, 100 \$35.00.

**L. AURATUM RUBRUM VITTATUM.** Very large flowers often 1 foot across of pure ivory-white, with a broad crimson stripe through the center of each petal. One of the choicest sorts. Each \$1.00, doz. \$10.00.

### LILIAM SPECIOSUM. (Lance-leaved Lily.)

These embrace the hardiest and most popular of all, succeeding equally well in the open border or in pots. When fully open, the petals recurve gracefully on the stem. The beautiful rose and crimson markings characteristic of the Rubrum and Magnificum are thus fully exposed. Attain 3 to 4 feet in height, and bloom from August until frost.

**ALBUM.** Pure white, choice.

**MELPOMENE.** Large deep crimson, heavily spotted. Very robust.

**MAGNIFICUM.** The most intensely colored of all. Very satisfactory.

**RUBRUM or ROSEUM.** (Red Japan Lily.)

**Jumbo Bulbs,**  
**Selected Bulbs,**

Each 60c., doz. \$6.00, 100 \$48.00.  
Each 50c., doz. \$5.50, 100 \$35.00.

	Each	Doz.
<b>BATEMANI.</b> A charming Japanese Lily producing bright orange-red flowers. 3 to 4 ft. July and August.	\$0.50	\$5.00
<b>BROWNII.</b> Very large, trumpet-shaped flowers, pure white within, brownish outside. Stamens chocolate color. 3 ft. July and August.	1.25	12.00
<b>CANADENSE</b> (Meadow Lily). Flowers bright yellow, with small black spots. 2 to 3 ft.	.20	2.00
<b>CANADENSE RUBRUM.</b> Similar to above, crimson, spotted with black. July and August.	.25	2.50
<b>ELEGANS, var. ORANGE.</b> Brilliant orange-red flowers held erect, candelabra style. A vigorous and healthy form. 2 ft.	.20	2.00
<b>HANSONII.</b> Deep golden yellow, spotted chocolate.	.60	7.00
<b>HENRYI</b> (Yellow Speciosum). A vigorous Lily; color deep orange yellow, banded with green.	.75	7.50
<b>KRAMERI.</b> Blush pink; fragrant and beautiful trumpet-shaped flowers.	.40	4.00
<b>REGALE</b> (Myriophyllum). Absolutely hardy, also splendid for forcing. White, suffused pink, shaded canary-yellow.	1.00	10.00
<b>SUPERBUM</b> (Our Native Turk's Cap Lily). Rich orange-red petals, tipped red and dark spotted. 4 to 6 ft. high. Blooms July and August.	1.00	\$35.00
<b>TIGRINUM SPLENDENS</b> (The Common Tiger Lily). So well known it does not require description.	.25	2.60

### Hardy Garden Collection

Six bulbs each, **AURATUM, ALBUM, CANADENSE, MAGNIFICUM, KRAMERI, TIGRINUM SPLENDENS**, for only \$8.25. Half of the collection, or three bulbs of each, \$4.75, postpaid.



Lilium auratum

### LILIAM CANDIDUM

(The Madonna, Annunciation, or St. Joseph's Lily)

We find there are many admirers of this beautiful white Lily which blooms early in June, who are unaware that for success the bulbs should be planted in the Fall to make a rosette of leaves before the ground freezes. For this reason we list this variety only in our Bulb Catalog, which is ready for distribution in early September. The stock we offer at that time is the true North of France type, the thick petaled Lily that is most desirable.

☞ We advise early ordering on all kinds of Hardy Lilies as our stock is limited.

# Miscellaneous Bulbs FOR SPRING PLANTING

Postpaid, except where noted, at each and dozen prices.



Amaryllis, or Hippeastrum, prized for the varied and beautiful coloring of their giant blooms that shoot up so boldly above the broad, thick foliage

## Amoryllis Species

**Hippeastrum** One of the most beautiful of our tender or greenhouse bulbs, is greatly admired though little grown. Bulbs should be potted in the Autumn as soon as possible, and allowed to root slowly. These are raised from seed of the most famous strains in the world and should not be compared with the old-fashioned species.

Newest Giant Hybrids. Each 75c., doz. \$8.00.

**Cooperia Pedunculata** (EVENING STAR). Similar to Zephyranthes in habit and growth. The fragrant flowers are 2 in. or more across, of a waxy white color, tinged red outside and more or less green within. The bulbs should be lifted in the Autumn and stored during the Winter in dry soil. Each 10c., doz. \$1.00, 100 \$7.50.

**Ismene Calathina** Those who are familiar with this attractive flower are loud in praise of its beauty and purity. Very large in size like an Amoryllis, novel in form and of snowy whiteness. Exceedingly fragrant. One of the most lovely of the family. The large, strong bulbs begin to flower two or three weeks after planting. Each 15c., doz. \$1.50, 100 \$12.00.

**Zephyranthes** (FAIRY LILY). Attractive flowers 3 in. in diameter; quite hardy.

rosea. Rose-pink. Each 15c., doz. \$1.50, 100 \$11.00.

candida. Pure white; fragrant.

Each 10c., doz. \$1.00, 100 \$7.00.

**LABEL YOUR CHOICE DAHLIAS, GLADIOLI, AND OTHER PLANTS AND KNOW THE PARTICULARS ABOUT THEM.**

Not less than 1000 sold at the 1000 rate. Postpaid at the 100 price. Wt. 4 lbs. per 1000

**LABELS, Wooden.** 3 1/2 in., copper wired.

Plain..... 30c. per 100, \$2.10 per 1000

Painted..... 40c. per 100, \$2.60 per 1000

## Begonias—Tuberous-Rooted

Begonias are indispensable for shady places that are to be found in every garden. May be planted out of doors latter part of May. Started in the house early, the first flowers will appear in June and increase with the season, the plants attaining their height of perfection just before frost sets in. Keep constantly moist.

**SINGLE.** Very large flowers, quite conspicuous, producing the best bedding effects.

Each 25c., doz. \$2.75, 100 \$22.00.

Pink, Crimson, White, Yellow, Salmon, Orange, Mixture of All Colors.

**DOUBLE FLOWERING.** The double flowers are similar to Camellias, usually from 2 to 3 in. in diameter.

Each 35c., doz. \$4.00, 100 \$32.00.

Yellow, Orange, Crimson, Salmon, Pink, White, Mixture of All Colors.

## Calla Lilies (Arum)

**alba maculata** (The Spotted-leaf Calla). This variety is an excellent acquisition for the border or in clumps near ponds. Beautiful as pot plants. Flowers white. Foliage spotted white. Wt., 2 lbs. per doz.

Each 35c., doz. \$3.50.

**Elliottiana** (The Golden Calla). A new variety with rich golden yellow flowers and white-spotted foliage. May be grown to bloom during February and June. Flowers in Summer if planted in the early Spring. Wt., 2 lbs. per doz. Each 50c., doz. \$5.00.

## Caladium Esculentum

(Elephant's Ear)

Very showy, ornamentals, producing a sub-tropical effect. Usually planted in groups and quite often used as a border around bronze-leaved Cannas. The foliage is very large, sometimes 2 feet across.

Bulbs may be started in pots and planted out during May and June. Plant about 15 inches apart. 3 to 4 feet.

**Large Bulbs.** Not prepaid, weight, each 1 lb.

Each 15c., doz. \$1.50, 100 \$10.00.

**Mammoth Bulbs.** Not prepaid. Weight, each 1 1/2 lbs.

Each 25c., doz. \$2.75, 100 \$18.00.

**Jumbo Bulbs.** Not prepaid. Weight, each 2 lbs.

Each 35c., doz. \$3.50.



These double Begonias, with their waxy flowers and glossy foliage are perhaps the most handsome of all the Summer-flowering tuberous rooted plants



**Caladiums, Fancy-Leaved**

In popular favor for the decoration of the conservatory, greenhouse or window boxes. Excellent for planting outdoors in partially shady locations. Very handsome foliage. **Mixed Colors Only.** Each 35c., doz. \$3.50.

**CANNAS**

Dormant roots for delivery only up to March 15th. A long-blooming period can be assured by starting the bulbs indoors.

**robusta.** The favorite tall-growing sort with very dark foliage, especially valuable for producing tropical effects, or for screening undesirable objects. 6 to 8 ft. —

Each 15c., doz. \$1.50.

**Orchid Flowering Varieties.** The best, large flowering varieties, sometimes known as French Cannas, in the brightest and most desirable colors.

Each 20c., doz. \$2.00.

Scarlet  
Orange

Salmon  
Pink

Variegated  
Dark Red

White  
Yellow

Collection of 24 dormant roots in 8 colors, \$3.75 postpaid.

**Cinnamon Vine**

(CHINESE YAM).

Splendid hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White, Cinnamon-scented flowers. Each 10c., doz. \$1.00, 100 \$7.50.

**Gloxinia**

A Summer flowering plant, both for greenhouse and window, this is the most desirable and can be easily raised from bulbs. We have these in great variety of colors of the large flowering type. Ready for delivery about January 15th.

Crimson, Purple, Spotted, White or Mixed.

Each 50c., doz. \$5.00.

**Hyacinthus Candicans**

(SUMMER HYACINTH).

A most valuable, hardy perennial, showing its majestic, pure white, bell-shaped flowers during August. Most effective if planted in large clumps between shrubbery. Mammoth Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.

**Lily of the Valley**

**COLD STORAGE PIPS FOR FORCING.** Lily of the Valley may be grown as house plants twelve months

in the year. With a cold storage plant in our store we can supply the pips at any time. These pips may be flowered in three to four weeks. Our stock is of the best quality. When comparing prices remember that the best proves the cheapest. Wt. per bundle, 2 lbs.

"Premier" Selected Pips. From cold storage.

Per bundle of 25 pips \$2.00, 100 \$7.00, cases of 250 \$16.00, 500 \$30.00.

CLUMPS FOR OUTDOOR PLANTING, See page 122

**Madeira Vine**

A favorite climber with dense and beautiful shining foliage of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. Does best in a warm, sheltered, sunny location. Each 10c., doz. \$1.00, 100 \$7.50.



Double Tuberoses are beautiful in form, delicate in color and strongly fragrant

**Oxalis, Summer Flowering**

Lovely little plants for hanging pots and baskets, or window boxes. Mammoth Bulbs. Doz. 30c., 100 \$2.00. Dieppi. Pure white. Lasandria. Rosy-pink. Shamrock. Clover-like foliage, pink blossoms.

**Fragrant Tuberoses.**

**Mexican Everblooming Single.** The most free blooming Tuberoses in existence, possessing the peculiar feature in the making of new bulbs, which flower as soon as the old bulb has finished. Plant out from the first of May to the middle of June. Will flower in about eight weeks' time and continue until after the first frost. The flower stalk usually bears six to twenty pure white blooms, having the same delightful fragrance as the regular double variety. Each 10c., doz. 75c., 100 \$6.00.

**Excelsior, Double Pearl.** Large flowering and valuable for cutting. For best results plant in pots during March and April, allowing the bulbs to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May.

Selected Bulbs.  
Mammoth Bulbs.

Doz. 60c., 100 \$4.25.  
Doz. 85c., 100 \$6.75.



Naturally Summer-flowering plants. Gloxinias do best when treated as such though they may be grown to flower at almost any season

**BLEEDING HEARTS, GERMAN and JAPANESE IRIS, PEONIES, and TRITOMAS** and such plants frequently known as bulbs are found listed among the **HARDY PERENNIAL PLANTS** on pages 119-122.

# PLANT DEPARTMENT



Foundation Plantings of Evergreens are always effective

## Evergreen Trees

### ARBORVITÆ. *Thuja*

The Arborvitæ, many of which are of upright habit, do not grow to great heights and are very appropriate for small lawns as well as large areas. Their neat appearance and soft, fern-like foliage, make them useful for grouping, bedding and formal effects.

**American Arborvitæ.** (*T. occidentalis*.) A fast growing, pyramidal tree with light green foliage. Very useful for hedging and screening, as well as for ornamentation.  
12 in. 60c., 18 in. 75c., 24 in. \$1.25, 30 in. \$1.50, 3 ft. \$2.00, 3½ ft. \$2.50, 4 ft. \$3.00, 4½ ft. \$3.75, 5 ft. \$5.00, 6 ft. \$7.00, 7 ft. \$9.00.

**George Peabody Arborvitæ.** (*T. occidentalis aurea*.) A variety of the above with golden foliage.  
12 in. \$1.00, 15 in. \$1.25, 18 in. \$1.75, 2 ft. \$2.50.

**Globe Arborvitæ.** (*T. occidentalis globosa*.) Very dwarf and compact; grows naturally into a rounded, almost ball-like form.  
12 in. \$1.25, 15 in. \$1.75, 18 in. \$2.75.

**Pyramidal Arborvitæ.** (*T. occidentalis pyramidalis*.) Similar to American Arborvitæ, but more dense and pyramidal in habit. It retains its lustrous, green color all Winter.  
12 in. 75c., 15 in. \$1.00, 18 in. \$1.25, 24 in. \$1.75, 30 in. \$2.25, 3 ft. \$2.75, 3½ ft. \$3.50, 4 ft. \$4.50, 4½ ft. \$5.50.



Pyramidal Arborvitæ

**THE PLANTING SEASON.**—Deciduous Trees, Shrubs, Roses and Fruit Stock can be successfully transplanted as soon as the frost leaves the ground and continuing until the last of May. Evergreens and Perennials can be transplanted from the middle of April until the middle of June.

**CONDITIONS OF SALE.**—We give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any Seeds, Plants or Bulbs we sell. We do not guarantee them to live under adverse conditions, nor to make up loss due to climatic conditions over which we have no control, nor neglect in after culture.



Globe Arborvitæ

**Siberian Arborvitæ.** (*T. occidentalis Wareana*.) Of a slower and bushier growth than the American variety. Very hardy and holds its dark green color through the Winter.  
12 in. \$1.00, 15 in. \$1.25, 18 in. \$1.75, 24 in. \$2.50.

**Spiral-like Arborvitæ.** (*T. occidentalis spiralis*.) Habit is erect and formal. The foliage is peculiarly twisted and gives the whole bush a spiral appearance.  
12 in. \$1.00, 15 in. \$1.25, 18 in. \$1.75, 24 in. \$2.50.

### FIR. *Abies*

Most Firs are quick growing, of pyramidal habit, hardy, and most useful when planted in groups or as individual specimens.

**Nikko Fir.** A native of the mountains of Japan, this tree promises to be one of the best for planting here. Very hardy.  
2 ft. \$3.50, 2½ ft. \$4.25, 3 ft. \$5.00, 3½ ft. \$6.00, 4 ft. \$7.00, 4½ ft. \$8.00, 5 ft. \$9.00, 6 ft. \$11.00, 7 ft. \$12.50.

**Rocky Mountain Fir.** (*A. concolor*.) One of the hardiest and most beautiful evergreens. Tree of graceful and stately habit, with large, broad, silvery green foliage.  
12 in. \$1.75, 15 in. \$2.00, 18 in. \$2.75, 2 ft. \$3.25, 3 ft. \$4.50.

### JUNIPER. *Juniperus*

A group remarkable for their varied forms, habits, and color of foliage. The dwarf and spreading types are indispensable for foundation plantings as well as rockeries, while the taller growing sorts lend themselves to more formal plantings.

**Gray Carpet Juniper.** (*J. Sabina tamariscifolia*.) A prostrate variety with fern-like foliage. Excellent for rock-work or wherever a dwarf spreading plant is desired.  
12 in. spread, \$1.50, 15 in. spread \$2.00, 18 in. spread \$2.50.

**Pfitzer's Juniper.** (*J. chinensis Pfitzeriana*.) Grows to a fair-sized plant, with branches spreading nearly horizontally as broad as tall. Foliage bluish-green.  
12 in. \$1.50, 15 in. \$2.00, 18 in. \$2.50, 24 in. \$3.50.

**Red Cedar.** (*J. virginiana*.) Medium habit. Foliage in Summer bright green, changing to a bronzy hue in Winter.  
2 ft. \$1.50, 2½ ft. \$2.00, 3 ft. \$3.00, 3½ ft. \$4.00, 4 ft. \$5.00.





Red Cedar. See page 102

**JUNIPER—Continued**

**Savin Juniper.** (J. Sabina.) A tree with spreading habit. Foliage dark green. Excellent for grouping.

12 in. \$1.25, 15 in. \$1.75.

**Trailing Juniper.** (J. communis prostrata.) Low growing bush of prostrate habit with light, glaucous foliage. Useful for rock gardens, or as a foreground plant in evergreen groupings. 12 in. spread \$1.00, 15 in. spread \$1.50, 18 in. spread \$2.00, 24 in. spread \$3.25.

**Golden Trailing Juniper.** (J. communis aurea.) A golden form of the above.

12 in. spread \$1.00, 15 in. spread \$1.50, 18 in. spread \$2.00, 24 in. spread, \$3.25.

**HEMLOCK. Tsuga**

**Canadian Hemlock.** (T. canadensis.) A broadly pyramidal, medium-sized tree of dense growth, with rich green foliage. Branches thickly set with more or less pendulous tendency, giving a particularly graceful effect to the whole. Choice as a lawn tree or for hedges, succeeding in all except particularly bleak situations. 18 in. \$1.75, 2 ft. \$2.50, 2½ ft. \$3.00, 3 ft. \$3.50, 3½ ft. \$4.00, 4 ft. \$5.00, 4½ ft. \$6.00.

**PINE. Pinus**

The hardness of the Pine is unexcelled. Thriving equally well in high and low lands, on poor and good soil, the tall growing varieties can be planted freely in groups, wind-breaks, and screens; while the dwarf varieties are essential in border and foundation plantings.

**Austrian Pine.** (P. nigra austriaca.) A robust tree of rapid growth. Stiff, long green needles in pairs. Very good for seaside planting as it stands exposure well.

18 in. \$1.50, 24 in. \$2.00, 30 in. \$2.75.

**Dwarf Mountain Pine.** (P. montana Mughus.) A low growing, bushy evergreen with dark green foliage. One of the hardiest. Useful in rockeries or grouping.

12 in. spread \$1.75, 15 in. spread \$2.25, 18 in. spread \$2.75, 24 in. spread \$3.50.

**Red Pine.** (P. resinosa.) A handsome tree with long, lustrous green needles. 2½ ft. \$1.75, 3 ft. \$2.25, 3½ ft. \$3.00, 4 ft. \$3.50, 4½ ft. \$4.50, 5 ft. \$5.50, 6 ft. \$7.00.

**Scotch Pine.** (P. sylvestris.) A strong grower, with spreading branches and short, stiff, bluish-green needles. Splendid for mass plantings, screens, shelter belts and seashore use. 2 ft. \$1.75, 2½ ft. \$2.25, 3 ft. \$2.75, 3½ ft. \$3.50.

**White Pine.** (P. Strobus.) One of the best native Pines. Thrives on sandy soil. 3 ft. \$1.75, 3½ ft. \$2.50, 4 ft. \$3.00, 4½ ft. \$3.75, 5 ft. \$4.50, 6 ft. \$5.00.

**RETINISPORA. Chamæcyparis**

**Filifera.** Long, pendulent, thread-like branches of a consistent green. 15 in. \$2.00, 18 in. \$2.75, 24 in. \$3.50.

**Plumosa.** The main stems are erect, the side shoots assume a plume-like arrangement, giving a feathery appearance. 12 in. \$1.25, 15 in. \$1.75, 18 in. \$2.25.

**Plumosa aurea.** A golden form of the above. 12 in. \$1.25, 15 in. \$1.75, 18 in. \$2.25.

**SPRUCE. Picea**

This well-known family of evergreens are of great hardness and usefulness, thriving in most any location and soil except a wet one. They are similar to the Firs in appearance, but easily distinguished by the drooping cones and four-angled spine-tipped leaves.

**Colorado Spruce.** (P. pungens.) The original form of the now famous Colorado Blue Spruce. The foliage is a light green. A hardy grower in almost any soil. 12 in. \$1.25, 15 in. \$1.75, 18 in. \$2.25, 2 ft. \$3.00, 2½ ft. \$3.50, 3 ft. \$4.00, 3½ ft. \$5.00.

**Colorado Blue.** (P. pungens glauca.) Form of Picea pungens, with the same general character, but the foliage is of an exceedingly rich, silvery-blue. 15 in. \$2.50, 18 in. \$3.00, 2 ft. \$4.00, 2½ ft. \$5.00, 3 ft. \$6.00.

**Koster's Grafted Blue Spruce.** (P. pungens Kosteri.) The bluest of blue Spruces. The most remarkable and conspicuous of all conifers for ornamental planting. See illustration, page 104. 2½ ft. \$10.00, 3 ft. \$12.00, 3½ ft. \$14.00, 4 ft. \$16.00, 4½ ft. \$18.00.

**Engelmann's Spruce.** (P. Engelmannii.) A tall tree of slender habit, growing native in the Rocky Mountains. The foliage is of a dull blue or green color. The needles are shorter than the Blue Spruce.

18 in. \$2.00, 2 ft. \$3.00, 2½ ft. \$4.00, 3 ft. \$5.00.



Austrian Pine

**SPRUCE—Continued**

**Norway Spruce.** (*P. excelsa*.) This familiar Spruce is more generally used than any of the others. It is a rapid grower, does well in most soils, and withstands the bleak, cold winds of Winter. They make splendid windbreaks. One of the most inexpensive evergreens. 12 in. 50c., 15 in. 75c., 18 in. \$1.00, 2 ft. \$1.25, 2½ ft. \$1.50, 3 ft. \$2.00.

**White Spruce.** (*P. alba*.) Habit similar to the Norway Spruce; distinguished by its attractive grayish-blue color. A hardy species of quick growth. 12 in. 50c., 15 in. 75c., 18 in. \$1.00, 2 ft. \$1.25, 2½ ft. \$1.50, 3 ft. \$2.00.

**YEW. Taxus**

Yews are rather small growing evergreens that are highly ornamental and effective in bed, group or specimen planting. They withstand clipping well.

**Canadian Yew.** (*T. canadensis*.) A prostrate shrub with wide-spreading, slender branches; brown bark, foliage pretty dark green; showy, deep crimson berries; hardy. 12 in. spread \$1.50, 15 in. spread \$2.00, 18 in. spread \$2.50.

**Japanese Yew.** (*T. cuspidata*.) A slow growing variety that is valuable on account of its hardness. The dark green color of the foliage is retained all year. 12 in. \$2.00, 15 in. \$2.75, 18 in. \$3.25, 24 in. \$4.00.

**Dwarf Japanese Yew.** (*T. cuspidata brevifolia*.) Bushy habit, rich, deep green foliage. A very hardy variety. Grows well in partial shade. 12 in. \$2.50, 15 in. \$3.00, 18 in. \$3.75, 24 in. \$5.00.

**F. F. R. COLLECTION DWARF EVERGREENS  
FOR FOUNDATION PLANTINGS  
(10 VARIETIES \$14.00)**

<b>Globe Arborvitæ.</b> 12 in.	<b>Trailing Juniper.</b> 12 in.
<b>Pyramidal Arborvitæ.</b> 2 ft.	<b>Retinispora plumosa aurea.</b> 18 in.
<b>Siberian Arborvitæ.</b> 18 in.	<b>Red Cedar.</b> 2 ft.
<b>Golden Trailing Juniper.</b> 12 in.	<b>Japanese Yew.</b> 15 in.
<b>Savin Juniper.</b> 15 in.	<b>Dwarf Mountain Pine.</b> 12 in.



Koster Blue Spruce

**EVERGREEN SHRUBS**

This type of plant should be planted more freely. Their evergreen foliage enlivens the bareness of deciduous trees and shrubs in Winter and their fondness for shade enables their use in many places which are seldom planted.

**EUONYMUS**

**Radicans.** This plant is useful on rocky banks and for bordering beds of evergreens. A fine ground cover for shady places. Each 50c., doz. \$5.00.

**Radicans variegata.** A variety of the above with silvery-white, variegated leaves. Each 50c., doz. \$5.00.

**Radicans vegeta.** The leaves are often an inch wide. Red berries similar to those of the Bittersweet are produced in November. Each 60c., doz. \$6.00.

**GARLAND FLOWERS. Daphne Cneorum**

This variety is a little rosette of evergreen foliage bearing clusters of pink flowers in May and June and again in late Summer. 6-8 in. 60c., 8-10 in. 75c., 10-12 in. \$1.00.

**MOUNTAIN LAUREL. Kalmia latifolia**

Few broad-leaved evergreens are as beautiful in foliage and none can excel in beauty its exquisite flowers. 15-18 in. \$1.75, 18-24 in. \$2.50.

**PACHYSANDRA terminalis (Japanese Spurge)**

A valuable and useful plant as a cover plant. It will carpet the ground completely. The foliage is bright green all the year. Use as a border plant, or between shrubs and evergreens. 4-6 in. each 40c., doz. \$4.00.

**RHODODENDRON maximum**

A native variety, the foliage being about twice the size of other sorts. Flowers pink and white. 18 in. each \$2.75, 24 in. each \$3.50, 30 in. each \$4.00. 36 in. each \$5.00.

**RHODODENDRON catawbiense**

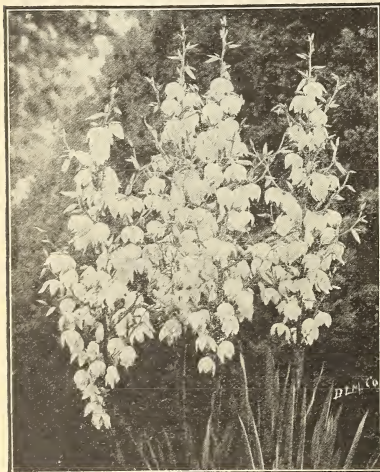
A native, close growing form with handsome foliage and large, deep rose flowers. Price same as maximum.

**RHODODENDRON HYBRIDS**

**Mixed Colors.** 12 in. \$1.75, 15 in. \$2.50, 18 in. \$3.50.

**YUCCA filamentosa**

In Summer it sends up broad spikes 4 to 7 ft. high of numerous white flowers, and in Winter it is a mound of broad, sharp-pointed leaves. Each 60c.



Yucca filamentosa



## Ornamental Deciduous Trees

### ASH. *Fraxinus*

**White.** (*F. americana*.) A splendid, tall growing tree. Foliage dark green above and silvery beneath.

8-10 ft. \$1.75, 10-12 ft. \$2.50.

### BEECH. *Fagus*

**Purple.** (*F. sylvatica purpurea*.) The finest of all purple-leaved trees; crimson foliage early in the Spring, changing to dark purple in the Summer.

3-4 ft. \$3.00, 4-6 ft. \$5.00.

### BIRCH. *Betula*

**Canoe.** (*B. papyrifera*.) A native American tree of large size. Leaves large; bark silvery-white. 6-8 ft. \$1.50, 8-10 ft. \$2.00.



*Cornus florida*

### ELM. *Ulmus*

**American.** (*U. americana*.) Lofty and spreading with drooping branches. A tree of strong growth.

8-10 ft. \$1.50, 10-12 ft. \$2.50, 12-14 ft. \$3.50.

### HAWTHORNE. *Crataegus*

**Double White.** (*C. Oxyantha alba plena*.) A desirable variety; good foliage; flowers double white. Each \$1.50.

**Paul's Double Scarlet.** (*C. Oxyantha fl. pl. Pauli*.) Flowers of a deep crimson and very double. Each \$1.50.

### HERCULES' CLUB. *Aralia spinosa*

A tropical looking small tree with large, divided leaves which are very ornamental. The stems are upright and covered with thorns, whence its name. Its tropical foliage and large heads of creamy-white flowers make it valuable for group and specimen plantings.

2-3 ft. 75c., 3-4 ft. \$1.00, 4-5 ft. \$1.50.

### HORSE CHESTNUT. *Aesculus*

**European White.** (*A. Hippocastanum*.) A compact, handsome tree; foliage appears early in the season. Large, white flowers tinged with red. 8 to 10 in. long. See page 106.

6-8 ft. \$2.50, 8-10 ft. \$4.00.

**Red Flowering.** (*A. carnea*.) Flowers red. 6-8 ft. \$4.00.



Purple Beech

**Sweet or Black.** (*B. lenta*.) Trunk dark reddish-brown; young bark aromatic; leaves heart-shaped. 8 ft. \$2.00.

**European White.** (*B. alba*.) A quick growing tree with spray-like branches and silvery bark. 6-8 ft. \$1.50.

### CATALPA

**Western Catalpa.** (*C. speciosa*.) A very rapid growing tree with large, heart-shaped leaves; fragrant blossoms of purple and white produced in clusters a foot long.

6-8 ft. \$1.50.

**Bungei.** A dwarf tree, with a compact head of large, glossy, heart-shaped leaves. Useful for formal effects.

2-year heads, \$2.50, 3-year heads \$3.75.

### CRAB. *Malus*

**Bechtel's Double Flowering Crab.** (*M. ioensis Bechteli*.) A medium-sized tree bearing delicate pink, double flowers; very fragrant.

2-3 ft. \$1.00, 3-4 ft. \$1.50.

### DOGWOOD. *Cornus*

**White Flowering.** (*C. florida*.) A small tree of irregular habit; produces large, showy white flowers in May before the leaves appear. Valuable for its Fall coloring which is dark red; fruit scarlet. 2-3 ft. \$1.00, 3-4 ft. \$1.50.

**Red Flowering.** (*C. florida rubra*.) Flowers similar to the white form, but are a bright pink. 2-3 ft. \$1.50.



*Catalpa Bungei*



Maidenhair Tree or Ginkgo

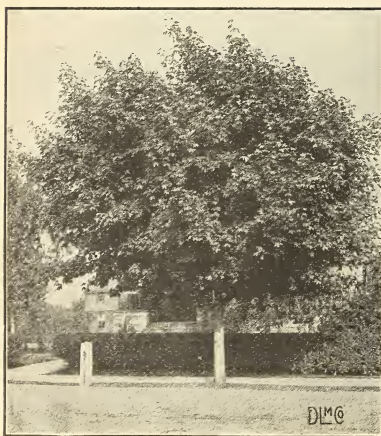
**JUDAS. Cereis**

**American.** (*C. canadensis*.) Very early in Spring the leafless branches and twigs of these small trees or shrubs are clothed in a thick mist of delicate deep pink flowers. 3-4 ft. \$1.25.

**LARCH. Larix**

**European.** (*L. europæa*.) A quick growing tree, with light green, needle-like leaves. 4-5 ft. \$1.50.

**LEATHERWOOD, or MOOSEWOOD. Dirca Palustris**  
An interesting dwarf tree. Blossoms of bright yellow along branches before leaves appear. 4-5 ft. \$2.00.



Norway Maple

**LINDEN. Tilia**

**American.** (*T. americana*.) A rapid growing native that develops into a large, broad, open-headed tree. Large, heart-shaped leaves. 6-8 ft. \$2.00, 8-10 ft. \$2.50.

**European** (*T. vulgaris*.) A rapid growing tree of symmetrical habit. The heart-shaped leaves are dark green and glossy. 8-10 ft. \$2.00, 10-12 ft. \$3.00, 12-14 ft. \$4.00.

**MAIDENHAIR TREE. Ginkgo**

**Salisbury.** (*G. biloba*.) The tree is of medium size and rapid growth; beautiful, fern-like foliage, in shape resembles somewhat a Maidenhair Fern. 8-10 ft. \$2.00, 10-12 ft. \$3.00.

**MAPLE. Acer**

**Norway.** (*A. platanoides*.) A large, handsome tree, of spreading, rounded form, with broad, deep green, shining foliage. A desirable species for the street, park or garden. 8-10 ft. \$1.75, 10-12 ft. \$2.25, 12-14 ft. \$2.50, 16 ft. \$3.50.

**Red Maple.** (*A. rubrum*.) Its bright red buds in early Spring and its Fall crimson coloring make it most attractive. 8-10 ft. each \$2.50.

**Rock, or Sugar.** (*A. saccharum*.) A taller growing tree than the Norway. In the Fall the leaves turn to orange and crimson. 8-10 ft. \$1.75, 10-12 ft. \$2.50, 12-14 ft. \$3.00.



European or Common Horse Chestnut

**Schwedler.** (*A. platanoides* Schwedleri.) A beautiful variety, with the young shoots and leaves of a bright purplish crimson color. 5-6 ft. \$2.00, 6-8 ft. \$3.00, 8-10 ft. \$4.00.

**Silver.** (*A. dasycarpum*.) The most rapid growing Maple. Deeply cut leaves, the under surface silvery. Does well in damp soil. 8-10 ft. \$1.50, 10-12 ft. \$2.00.

**Wier's Cut Leaf.** (*A. das. Wieri*.) One of the most remarkable and beautiful trees, with cut or dissected foliage. Its growth is rapid, branches slender and drooping. 6-8 ft. \$1.50, 8-10 ft. \$2.00, 10-12 ft. \$3.00.

**MOUNTAIN ASH. Sorbus**

**European.** (*S. aucuparia*.) A tree of neat habit. Flat corymbs of white flowers in May, succeeded by showy clusters of orange-red berries that are retained a long time. 6-8 ft. \$1.50, 8-10 ft. \$2.00, 10-12 ft. \$2.50.

**MULBERRY. Morus**

**Tea's Weeping Mulberry.** (*M. alba pendula*.) One of the best small weeping trees, the long, thin branches forming an umbrella-like structure. One year heads \$3.00, two-year heads \$3.50.



**OAK. Quercus**

**Pin.** (*Q. palustris*.) The most popular of all the Oaks. The leaves are deep green and finely divided, turning red in the Fall. The branches are drooping.

6-8 ft. \$2.00, 8-10 ft. \$2.75, 10-12 ft. \$3.50.

**Red.** (*Q. rubra*.) A large, native tree, with deeply cut, bright green leaves which turn to purplish-crimson in Autumn.

6-8 ft. \$2.00, 8-10 ft. \$2.75, 10-12 ft. \$3.50.

**Scarlet.** (*Q. coccinea*.) Takes its name from the brilliant scarlet of its Autumn foliage.

6-8 ft. \$2.50.

All Oaks should be severely cut back when transplanted.

**PURPLE LEAVED PLUM. (Prunus Pissardii.)**

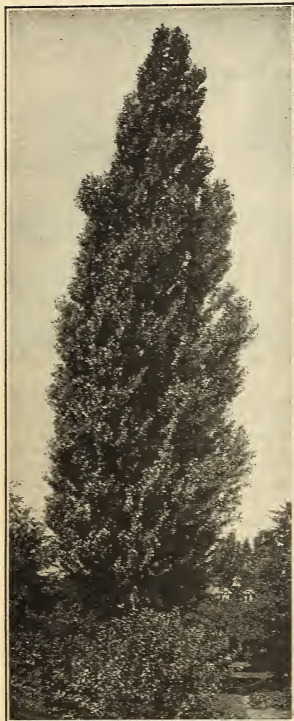
A small tree of dwarf habit. The leaves when young are lustrous crimson, changing to a dark purple, retaining this beautiful tint until they drop, late in the Autumn.

4-5 ft. \$1.25.

**POPLAR.**

(*Populus*)

Poplars grow rapidly and are inexpensive. They thrive in almost any soil and where quick shade or temporary effects are desired they produce most satisfactory results.



Lombardy Poplar



Weeping Mulberry (see page 106)

**Carolina.** (*P. deltoides*.) A desirable tree where shade is wanted quickly. Foliage is heart-shaped and of bright green color.

8-10 ft. \$1.00, 10-12 ft. \$1.50.

**Lombardy.** (*P. nigra italica*.) A well-known, upright tree of extremely rapid growth. Its branches from the ground and is much used where a tall hedge is wanted for a screen. Valuable also for formal effects.

	Each Doz.	Each Doz.
6-8 ft. ....	\$0.75 \$7.50	10-12 ft. .... \$1.50 \$15.00
8-10 ft. ....	1.00 10.00	12-14 ft. .... 2.50 25.00

**TULIP.**

**Liriodendron**

**Tulip Tree.** (*L. Tulipifera*.) A native tree of rapid growth that thrives in moist soils. Tulip-like flowers of greenish yellow, blotched with orange. 5-6 ft. \$1.50, 6-8 ft. \$2.00.



Carolina Poplar

**WILLOW. Salix**

**Golden Bark.** (*S. vitellina*.) A handsome tree. Conspicuous at all seasons, but particularly in Winter, on account of its yellow bark.

5-6 ft. \$1.00, 6-8 ft. \$1.50.

**Royal.** (*S. regalis*.) Dwarf habit of growth. Foliage silvery-gray.

5-6 ft. \$1.00, 6-8 ft. \$1.25.

**Thurlo's.** (*S. elegantissima*.) A vigorous grower with graceful drooping branches.

6-8 ft. \$1.25.

**Wisconsin.** (*S. blanda*.) A very hardy drooping variety of great value.

6-8 ft. \$1.25, 8-10 ft. \$1.50.

**YELLOWWOOD. Cladrastis**

**Virgilea.** (*C. lutea*.) The bark resembles that of the American Beech, the growth being clean and smooth. Foliage light green, flowers white and pea-shaped, produced in long, pendulous racemes in June.

6-8 ft. \$2.50.

# ORNAMENTAL SHRUBS

Prices of Shrubs { 1st Size..... Each 60c., 6 or more of the same variety, at \$6.00 per doz. } except as noted  
 { Extra ..... Each 75c., 6 or more of the same variety, at \$7.50 per doz. }

First Size Shrubs only may be mailed; allow 10 cents each for postage to points in New England.

## ALMOND. *Prunus sinensis*

Double Pink. Double rose-colored flowers borne in profusion. 18 in. 75c., 24 in. \$1.00, 36 in. \$1.50.

## ALTHÆA. *Hibiscus syriacus*

Bush Form, each 75c.; Tree Form, each \$1.50; Double, Pink, Purple, Pink and White.

## ARALIA. *Acanthopanax*

Pentaphylla (Five-leaved Aralia). Graceful, arching, spiny branches and bright green, shining foliage.

## NATIVE AZALEAS

Flame Azalea. (*A. lutea*.) Flowers orange-yellow or flame-red. 18-24 in. \$2.00, 24-30 in. \$2.50.

Fragrant White Azalea. (*A. arborescens*.) Flowers white with pink stamens. The leaves in Autumn turn to brilliant shades of red. Fragrant.

Pinxter Flower. (*A. nudiflora*.) Commonly known as "Wood's Honeysuckle." Deep pink to reddish purple flowers in May. 12-15 in. \$1.25, 15-18 in. \$1.75, 18-24 in. \$2.25.

White Swamp Honeysuckle. (*A. viscosa*.) This Azalea blooms in June or July, producing delightfully sweet-scented white flowers tinted with shades of rose. Prefers damp places. 12-18 in. \$1.25, 18-24 in. \$2.50.

18-24 in. \$2.00, 24-30 in. \$2.75.

## EUROPEAN AZALEAS

Chinese. (*A. mollis*.) A most desirable and attractive dwarf shrub, bearing an abundance of large, bright red and yellow blossoms, and varying shades of color in May. Mixed colors. 12-18 in. \$1.25, 18-24 in. \$2.50.

Poukhanense. (Korean Azalea.) A low, rounding, dwarf type, suitable for planting among dwarf evergreens. The flowers are single and rose-colored.

15-18 in., each \$3.00.



Forsythia intermedia

## EUROPEAN AZALEAS—Continued

A. yodogawa. Flowers double light violet, completely covering the plant and remaining for a long time. 12-18 in. \$2.00.

## BARBERRY. *Berberis*

Japanese. (*B. Thunbergii*.) Remarkable for its low, dense, horizontal growth, and its bright red berries which it holds throughout the Winter. See hedge plants, page 112. Each 50c., 75c.

## BAYBERRY. *Myrica*

Northern Bayberry. A low, native shrub. Dark green, fragrant foliage and white, waxy berries. Thrives in sandy places.

## BUTTERFLY BUSH. *Buddleia*

Veitchiana variabilis. Flowers of a pleasing shade of violet-mauve, borne on long, cylindrical spikes.

## CALYCANTHUS

floridus. (Carolina Allspice.) Fine and glossy foliage, pineapple-scented. The flowers are chocolate-colored.

## CORCHORUS. *Kerria*

Kerria japonica. A green barked shrub with yellow flowers, which are borne continuously.

## DESMODIUM

penduliflorum. (Sweet Pea Shrub.) A magnificent shrub, covered from first of September till frost, with red blossoms.

## DEUTZIA

crenata. (Single White Deutzia.) Showy, white, tinged pink flowers in close spikes. Vigorous growth.

gracilis. Low, globular habit, flowers pure white.

Lemoinei. Early bloomer; panicles of pure white flowers borne on short branches.

Pride of Rochester. The pinkish white flowers are borne in large panicles. A tall growing variety.

## DOGWOOD. *Cornus*

Red-Twigged. (*C. alba*.) Shrub with erect stem, good clean foliage and bright blood-red branches.

Cornelian Cherry. (*C. mas*.) Handsome shrub of dense growth, with glossy foliage; attractive in early Spring with its yellow flowers, and in the Fall with scarlet fruit.

Silver-Leaf. (*C. mas elegantissima*.) One of the finest variegated shrubs; slow growing; leaves broadly margined with white, contrasting with its deep red bark. Each 75c. and \$1.00.

## EUONYMUS

alatus. (Winged Burning Bush.) A handsome shrub attaining a height of 6 to 8 ft., with corky-winged branches. The leaves are oval, bright green in Summer, changing in the Fall to gorgeous crimson and red. 18-24 in. 60c., 2-3 ft. 75c., 3-4 ft. \$1.25.

## EXOCHORDA

grandiflora. (Pearl Bush.) Flowers in May. Pure white, large, star-like, in clusters, grows about 9 ft. high.

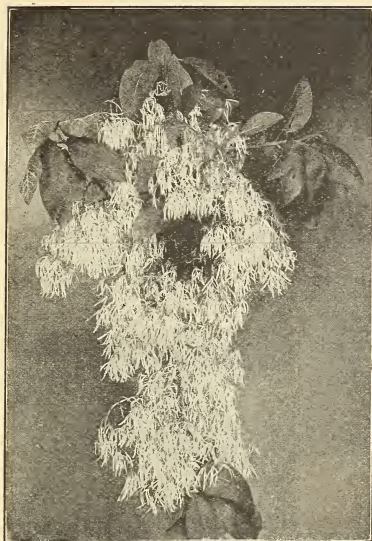
## FORSYTHIA

intermedia. Erect-growing shrub. When large the branches become arching. Yellow, trumpet-shaped flowers.

suspensa. (Weeping Golden Bell.) Similar to Fortunei, but of a drooping habit.

suspensa Fortunei. (Golden Bell.) One of our best early flowering shrubs. Golden yellow flowers appear early in the Spring.





Chionanthus virginica, White Fringe

**FRINGE**

**White.** (*Chionanthus virginica*.) A large shrub or small tree, with large, heavy leaves almost hidden in Spring by a thick mist of fragrant white, drooping flowers. One of the choicest shrubs for a lawn ornament. **Each \$1.50.**

**HONEYSUCKLE, Lonicera**

**Japanese Bush.** (*L. Morrowii*.) A shrub with wide-spreading branches; pure white flowers in May and June, followed by bright red fruits.

**Tartarian.** (*L. tatarica*.) Bears a profusion of pink flowers in June.

**White Tartarian.** (*L. tatarica alba*.) Similar to the Tartarian, but with large, pure white flowers. **Crimson.**

**LILACS**

**Common White, Purple Persian White, Purple Villosa.** Color varies from light pink to almost blue. Valuable for late blooming. The shrub forms a striking object on account of the dark, glossy, massive leaves. **Price same as Hybrid Lilacs.**

**Japonica.** (*Japan Tree Lilac*.) A tree form, with glossy, leathery leaves. The yellowish-white flowers come after other Lilacs are through blooming. **Price same as Hybrids.**

**HYBRID LILACS**

	Each	Doz.
18-24 in. ....	\$0.75	\$7.50
2-3 ft. ....	1.00	10.00
3-4 ft. ....	1.50	15.00

**SINGLE VARIETIES**

Chas. X. Reddish-purple.	Souv. de Lud. Spaeth. Red.
Marie Le Gray. White.	Ville de Troyes. Dark purple.
Rubra de Marley. Blue.	Virginalis. White.

**DOUBLE VARIETIES**

Belle de Nancy. Satin-pink.	Mme. Casimir Perier. White.
Mme. Lemoine. White.	Pres. Grevy. Deep blue.
Michael Buchner. Purple.	Wm. Robinson. Violet-mauve.

**HYDRANGEA**

**arborescens grandiflora.** The flower clusters are large, averaging 4 to 5 in. in diameter. Color is pure snow white, blooming at a time when flowers are scarce.

18-24 in. each 60c., 2-3 ft. each 75c.

**paniculata grandiflora.** The well-known hardy Hydrangea. Flowers are borne in dense panicles, pure white when opening, but later of a purplish-rose color. 18-24 in. each 60c., doz. \$6.00; 2-3 ft. each 75c., doz. \$7.50; 3-4 ft. each \$1.00, doz. \$10.00.

**Tree Form.** A very desirable form of Hydrangea, the branches starting out 3 ft. from the ground.

3 ft. \$1.50, 4 ft. \$2.00, 5 ft. \$2.50.

**ILEX**

**Ilex verticillata.** (Winter Berry.) A shrub with upright branches and light green foliage; its bright scarlet berries remain on the branches until mid-Winter.

**PRIVET, Ligustrum**

**Amor River.** (*L. amurense*.) Large, oblong, glossy green foliage. A hardy variety.

**California.** (*L. ovalifolium*.) Vigorous shrub of excellent habit. Large, glossy dark green foliage.

**Chinese.** (*L. Iboia*.) Upright habit, narrow leaves and white flowers. One of the hardiest Privets.

**Prices of above, see Hedge Plants, page 112.**

**Regel's.** (*L. Iboia Regelianum*.) Similar to the above except that the branches droop gracefully. This plant is unexcelled for shrubby borders and massed plantings.

18-24 in. 50c., doz. \$5.00.

**JAPANESE QUINCE, Cydonia japonica**

A shrub with spreading, spiny branches. Glossy leaves; flowers are a deep scarlet, in clusters.

**RASPBERRY, Rubus**

**Flowering.** (*R. odoratus*.) A noble plant, with leaves 6 to 12 in. broad, and pink-purple blossoms 2 in. across, in clusters, which continue to bloom all Summer. Fragrant; Useful for partially shaded places.

**RHODOTYPOS**

**kerrioides.** A shrub of medium size with handsome foliage; large, single white flowers in May. Fruit is black.

**ROSA rugosa.** See page 118.

**SIBERIAN PEA TREE, Caragana arborescens**

A sturdy little tree or shrub, smaller than the Dogwood. The leaves are a soft green and the flowers that come in May resemble the Sweet Pea and are bright yellow. Bush form, 75c.; Tree form, 5-6 ft. \$1.00, 6-7 ft. \$1.75.



Syringa japonica. Japanese Lilac



*Spiraea Frobeltii*

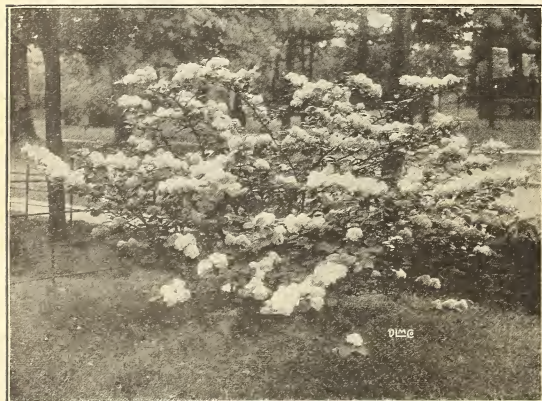
- Bridal Wreath** (*S. prunifolia*). One of the best and earliest blooming shrubs. Flowers double, white and very abundant along the stem. May.
- S. Bumalda Frobeltii**. Same color as the Anthony Waterer but of a taller habit of growth. Very desirable.
- Golden** (*S. opulifolia aurea*). One of the best of our yellow-leaved shrubs. Golden yellow all Summer.
- St. Peter's Wreath** (*S. Van Houttei*). The finest of all Spireas. It forms a round and graceful bush, with arching branches, which in June are set from end to end with beautiful white blossoms. See hedge plants, page 112.

**SUMAC. Rhus**

- Cut-leaf** (*R. typhina laciniata*). A very striking plant of moderate size with deeply cut leaves which turn a rich red in the Fall.

**VIBURNUM**

- Arrow Wood** (*V. dentatum*). Glossy, handsome leaves, white flowers and fine, steel-blue berries in Fall. June.
- cassinoides**. Flat heads of white flowers and effective foliage. Bears black berries in clusters. June.
- V. Carlesii**. An early flowering Viburnum of fine habit, bearing fragrant white flowers in May. One of the most important introductions of this family of plants. **\$2.00**



*Viburnum plicatum* (Japan Snowball)

- SWEET PEPPER BUSH. Clethra alnifolia**. Shrub with rich green foliage and spikes of yellowish-white flowers. Thrives in shady, damp places.

**SYMPHORICARPOS**

- racemosus** (Snowberry). A graceful shrub, with slender branches, usually bending under their load of white, waxy berries, which appear in Autumn.
- vulgaris** (Indian Currant). Low growing, spreading, graceful habit; foliage attractive; noteworthy for the beauty of its clusters of red berries.

**SYRINGA. Philadelphia**

- Golden** (*P. coronarius folijs aureis*). A graceful variety, with bright yellow foliage. Dwarf habit.

**12-18 in. 60c. each, 18-24 in. 75c. each.**

- Mock Orange** (*P. coronarius*). Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green.

- Large Flowered Mock Orange** (*P. grandiflorus*). A vigorous, upright variety, with large, showy flowers.

**SPIRÆA. Spirea**

- S. Bumalda Anthony Waterer**. Flowers scarlet-crimson, blooming profusely from June to October. Dwarf.



*Weigela*

- European High Bush Cranberry** (*V. Opulus*). It has red berries resembling Cranberries, which remain until early Winter. Its foliage is large and healthy.

- Snowball** (*V. Opulus sterile*). (Common Snowball.)

- Japan Snowball** (*V. tomentosum plicatum*). It has handsome plicate leaves; globular heads of pure white flowers in June. **Each \$1.00.**

- Single Japan Snowball** (*V. tomentosum*). Foliage resembles the Japan Snowball; flowers white, in flat racemes and in great profusion.

**WEIGELA**

- candida**. Flowers pure white, vigorous and fine in habit.

- Eva Rathke**. An erect, free flowering variety; flowers brilliant crimson. Blooms more or less all Summer.

- nana variegata**. A dwarf form, with variegated leaves, flowers pale pink.

- rosea**. A strong, symmetrical grower, with good foliage; pink flowers in June.

**YELLOW ROOT. Zanthorhiza apiifolia**

- A cover plant for shady places. It grows about a foot high. **Each 40c., doz. \$4.00.**





Clematis paniculata



Wistaria sinensis

## HARDY CLIMBING VINES

Vines may be mailed for an additional 10c. for a single vine and 20c. for a dozen vines

	Each	Doz.		Each	Doz.
<b>ACTINIDIA arguta.</b> A rapid-growing vine, with glossy, leathery leaves . . . . .	\$0.75	\$7.50	<b>CLEMATIS Jackmanii.</b> Purple flowers . . . . .	\$1.00	\$10.00
<b>AMPELOPSIS quinquefolia</b> (Woodbine). A vigorous growing vine, foliage rich crimson in Autumn . . . . .	.50	5.00	<b>CLEMATIS paniculata.</b> Small, white, fragrant flowers in August and September. . . . .	1.50	15.00
<b>AMPELOPSIS Veitchii</b> (Jap. or Boston Ivy). Best climbing vine for covering stonework. . . . .	.50	5.00	<b>Monster roots.</b> . . . .	1.00	10.00
<b>Pot grown.</b> Ready for delivery May 15th. . . . .	1.00	10.00	<b>First Size.</b> . . . .	.60	6.00
<b>ARISTOLOCHIA Sipo</b> (Dutchman's Pipe). Attractive, light green, heart-shaped leaves. . . . .	1.75	16.00	<b>Pot-grown, ready for delivery May 15th.</b> . . . .	1.00	10.00
<b>ARISTOLOCHIA tomentosum.</b> Small-leaved Dutchman's Pipe. . . . .	.75	7.50	<b>HONEYSUCKLE, (Hall's Honeysuckle).</b> Fragrant yellow and white flowers from mid-Summer until frost. . . . .	.60	6.00
<b>BIGNONIA radicans</b> (Trumpet Vine). . . . .	.60	6.00	<b>Pot-grown, ready for delivery May 15th.</b> . . . .	1.00	10.00
<b>CELASTRUS scandens</b> (Bitter Sweet). . . . .	.50	5.00	<b>HONEYSUCKLE, Scarlet Trumpet.</b> . . . .	.75	7.50
<b>CLEMATIS, Mme. Ed. Andre.</b> Carmine. . . . .	1.00	10.00	<b>KUDZU VINE.</b> . . . .	.50	5.00
<b>CLEMATIS Henryi.</b> Creamy-white flowers. . . . .	1.00	10.00	<b>MATRIMONY VINE.</b> . . . .	.60	6.00
<b>Pot-grown.</b> . . . .	1.50	15.00	<b>WISTARIA chinensis</b> (Chinese Wistaria). A tall growing climber. Foot-long clusters of purplish, pea-shaped flowers in May. . . . .	.75	7.50



Ampelopsis Veitchii (Japan, or Boston Ivy)

## HEDGE PLANTS

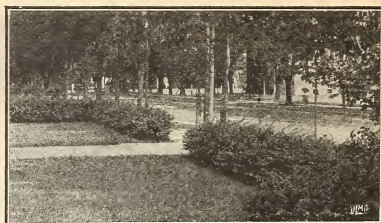
## Barberry—Berberis

Berberis Thunbergii. (Japanese Barberry.)			Doz.	100
12-15 in.	Plant 12 in. apart		\$3.00	\$15.00
15-18 in.	Plant 12 in. apart		3.50	22.50
18-24 in.	Plant 12 in. apart		4.50	30.00

## BOX BARBERRY

This is a dwarf form of *Berberis Thunbergii*, with small, dainty foliage. The young leaves are a beautiful emerald-green in the Spring, changing to a pleasing soft green during the Summer and rich red in the Fall. It will grow 18 to 24 in. high, but may be kept small, neat and compact with the greatest ease.

	Doz.	100
10-15 in.	\$4.00	\$25.00
15-18 in.	5.00	30.00



Berberis Thunbergii



Hedge of American Arborvitae

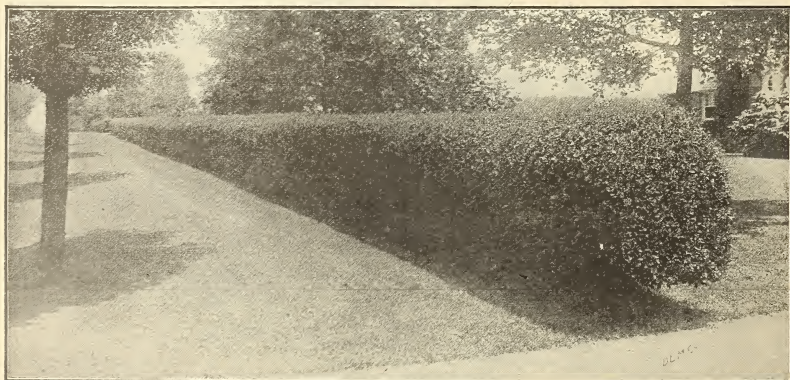
LILAC. Common.			Doz.	100
2½ to 3 ft.	Plant 24 in. apart		\$6.00	\$35.00
ROSA rugosa.			6.00	40.00
2 ft.	Plant 18 in. apart			
SPIRÆA Vanhouttei.			6.00	35.00
2 to 3 ft.	Plant 24 in. apart			
1½-2 ft.	Plant 18 in. apart		4.50	25.00
PRIVET, Chinese, Ligustrum Iota.			3.00	15.00
1½-2 ft.	Plant 12 in. apart			
2-3 ft.	Plant 12 in. apart		3.50	20.00
Amor River. Lig. amurense.			2.00	12.00
1½-2 ft.	Plant 12 in. apart			
2-3 ft.	Plant 12 in. apart		3.00	15.00
ARBORVITÆ, American.			9.00	70.00
18-24 in.	Plant 24 in. apart			
HEMLOCK.			22.50	140.00
2-2½ ft.	Plant 30 in. apart			
SPRUCE, Norway.			8.00	60.00
1½-2 ft.	Plant 24 in. apart			

Six plants will be furnished at the dozen rate, fifty or more at the rate per 100.

## California Privet Ligustrum ovalifolium

As a general rule hedge plants should be planted low and firm, so that the branches seem apparently to spring from the ground. California Privet should be planted 2 or 3 in. deeper than it stood in the nursery row. All deciduous varieties should be trimmed back hard after planting.

			Doz.	100	1000				Doz.	100	1000
12-18 in.	Plant 6 in. apart		\$1.00	\$5.00	\$45.00	2-3 ft.	Plant 1 ft. apart		\$2.00	\$10.00	\$90.00
18-24 in.	Plant 6 in. apart		1.50	7.50	65.00	3-4 ft.	Plant 1 ft. apart		3.00	15.00	120.00



Hedge of California Privet



## HYBRID PERPETUAL ROSES

**TWO-YEAR DORMANT PLANTS.** Each 75c., doz.  
\$8.00, 100 \$80.00

We recommend sending small orders of Roses by parcel post. Please add 10c. for one Rose and 3c. for each additional Rose, for postage.

See list of Pot-grown Roses, page 118.

**ALFRED COLOMB.** Rich red, very large and globular, free blooming and fragrant.

**AMERICAN BEAUTY.** Deep rose, very large.

**ANNA DE DIESBACH.** Brilliant carmine, fragrant.

**BARON DE BONSTETTEN.** Velvety maroon, shaded with deep crimson.

**BARONESS ROTHSCCHILD.** Beautiful pale rose; superb form; splendid foliage. Excellent late variety.

**CAPTAIN HAYWARD.** Scarlet crimson; long, smooth petals; good form, large, sweet scented.

**CLIO.** Flesh color, shaded with rosy pink; large.

**EUGENE FURST.** The flower is a beautiful shade of velvety crimson, with distinct shading of crimson maroon.

**FISHER HOLMES.** Magnificent scarlet, shaded with deep velvety maroon; brilliant and large.

**FRAU KARL DRUSCHKI.** Undoubtedly the finest pure white Rose in existence. Color a pure snow white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer.

**GENERAL JACQUEMINOT.** It still holds first place among the dark red Roses, and is one of the most satisfactory to grow.

**GEORGE ARENDS,** or **PINK FRAU KARL DRUSCHKI.** A pink form of the popular white Rose, Frau Karl Druschki, a remarkable bloomer.

**HUGH DICKSON.** Flowers are large, full and perpetual; color brilliant crimson, shaded with scarlet.



American Beauty Rose

**JOHN HOPPER.** Color is a bright rose, the reverse of the petals being pale lilac. Very large and double.

**JUBILEE.** Dark crimson, almost black.

**LOUIS VAN HOUTTE.** Bright red, shading to crimson purple, large flower, strong grower.

**MAGNA CHARTA.** Color bright pink. Strong, upright growth and bright, healthy foliage.

**MARGARET DICKSON.** A magnificent Rose; white, with pale, flesh center; petals very large; fragrant.

**MME. GABRIEL LUIZET.** Light silvery pink; grand flower; free bloomer; fragrant; hardy plant.

**MRS. JOHN LAING.** Soft pink; large; fine form; a good grower; abundant bloomer late in season.

**MRS. R. G. SHARMAN-CRAWFORD.** Clear rosy pink, the outer petals shaded with pale flesh. Very free flowering, and one of the best.

**M. P. WILDER.** Of vigorous growth, with healthy foliage; flowers large, semi-globular, full, well-formed, cherry carmine; very fragrant.

**PAUL NEYRON.** The largest-flowered and one of the most prolific bloomers; color deep, clear rose.

**PRINCE CAMILLE DE ROHAN.** Deep velvety crimson maroon, full and of superb form.

**SOLEIL D'OR.** A vigorous straight-branching variety with buds of a lovely yellow, opening to large, full flowers from 3 to 4 inches in diameter and of a color varying from orange-yellow to a ruddy gold, shaded with Nasturtium red.

**ULRICH BRUNNER.** Cherry crimson; large size; fine form; effective in the garden or for exhibition; semi-double; it blooms early and continuously.

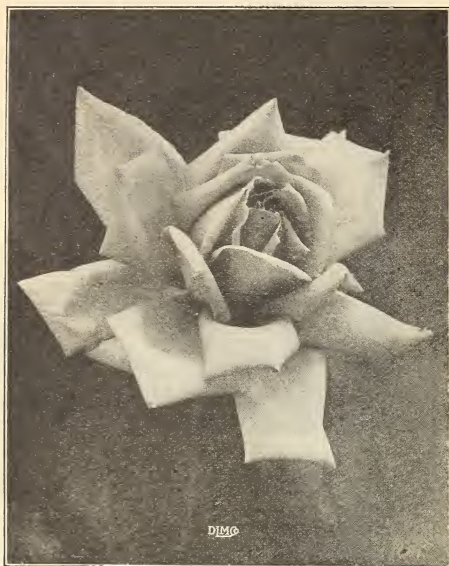


Rose, Frau Karl Druschki

### The Boston Collection

**TWELVE CHOICE H. P. ROSES, POSTPAID TO  
ANY P. O. ADDRESS IN NEW ENGLAND, FOR  
\$7.75**

Anna de Diesbach	M. P. Wilder
Baron de Bonstetten	Mrs. John Laing
Captain Hayward	Magna Charta
Clio	Prince Camille de Rohan
Frau Karl Druschki	Soleil d'Or
General Jacqueminot	Ulrich Brunner



Los Angeles

## NEW and CHOICE EVER-BLOOMING HYBRID TEA ROSES

**COLUMBIA.** One of the finest among the recently introduced Roses. The color is a lovely shade of peach-pink, shading to a deeper pink at the center. Growth strong and almost thornless; heavy, luxuriant foliage. The flowers produced during late Summer and Fall are exceptionally good. Very free and fragrant. **Each \$1.25, doz. \$12.00.**

**CONSTANCE.** A free flowering variety, producing beautiful, long, orange-yellow buds of perfect form, more or less streaked with crimson. **Each \$1.25, doz. \$12.00.**

**FRANCIS SCOTT KEY.** A strong, sturdy growing variety with large flowers which are very double and well formed. The color is a deep, even red. **Each \$1.50, doz. \$15.00.**

**FRANK W. DUNLOP.** The flowers are very large, of brilliant rose-carmine and very fragrant. The plant has a vigorous and quick habit of growth and produces well formed buds. **Each \$1.50, doz. \$15.00.**

**LOS ANGELES.** The color is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into an intensely fragrant, beautiful flower of large size. **Each \$1.25, doz. \$12.00.**

**MADAME BUTTERFLY.** A sport from Ophelia, which it resembles in every way excepting color, which is a warm golden pink, bluing with age. **Each \$1.25, doz. \$12.00.**

**MISS LOLITA ARMOUR.** The flowers are of large size, full, double, with petals of great substance and delightfully fragrant. The flowers become a deep coral-red, with a golden, coppery-red suffusion. The base of the petals are a rich golden yellow with coppery-red sheen. The plant is a strong, vigorous grower and very free flowering. **Each \$1.50, doz. \$15.00.**

**MRS. AMBROSE RICARDO.** Deep honey-yellow, overlaid brighter yellow, suffused flesh-pink. The blooms are of large size, fine substance, and are borne in great profusion until frost; delightful fragrance. Vigorous. **Each \$1.25, doz. \$12.00.**

**MRS. S. K. RINDGE.** A beautiful and distinct Rose, of strong, free branching habit of growth, with dark, green mildew-proof foliage. The buds which are long and pointed, are carried on stiff stems. Color, clear rich chrome-yellow, which as the flowers mature, becomes suffused with salmon-pink. **Each \$1.50, doz. \$15.00.**

**MRS. WEMYSS QUIN.** A valuable Rose. Its color is almost a golden orange, which becomes deep, non-fading canary-yellow after the bloom fully opens; the guard petals are singed crimson-orange with odd reflexes, tipped with brilliant coppery crimson-orange. Tea fragrance. **Each \$1.25, doz. \$12.00.**

**WILLIAM F. DREER.** Soft, silvery pink in color with golden yellow base on each petal, which in the early Fall throws a golden suffusion over the entire flower. Long-pointed buds and splendid growing habit. Sweet-scented. **Each \$1.50, doz. \$15.00.**

**WILLIAM SHEAN.** A vigorous growing variety with creamy pink flowers. **Each \$1.25, doz. \$12.00.**

### Special Offer

We will supply one plant of each variety listed on this page and ship post-paid to any New England P. O. address for \$12.75.



Francis Scott Key



## HYBRID TEA ROSES

Strong, two-year dormant plants, each 85c., doz. \$9.00, 100 \$70.00, except as otherwise noted.

We recommend sending small orders of Roses by Parcel Post. Please add 10c. for one Rose and 3c. for each additional Rose for postage.

See list of Pot-grown Roses, page 118.

### YELLOW, ORANGE and SALMON

**A. R. GOODWIN.** Rich coppery-orange, opening to a soft salmon-pink.

**DUCHESS OF WELLINGTON.** A delightfully fragrant Rose. Intense saffron-yellow.

**GEORGE C. WAUD.** A distinct Rose. The large blooms are glowing orange-vermilion, full, globular, perfect in shape, and possess a very sweet odor.

**GORGEOUS.** Glowing orange-yellow, deeply veined with brick red. Of strong, vigorous, free branching habit. A fine bedding Rose.

**HARRY KIRK.** Bright primrose-amber-yellow; free flowering habit; a good Autumn bloomer.

**LYON ROSE.** A lovely combination of orange-yellow, shading to reddish-gold.

**LADY HILLINGDON.** Deep golden yellow in color, the finest and most highly colored of all the yellow Roses.

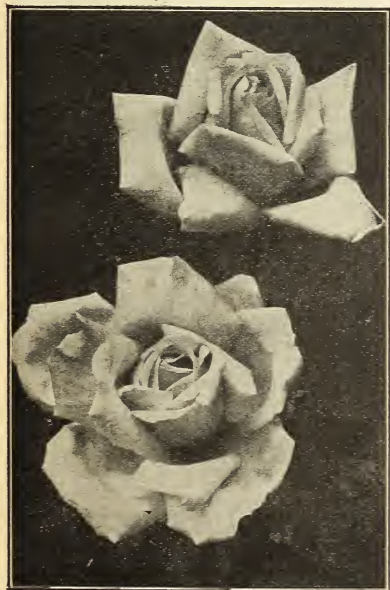
**LADY PIRRIE.** Flower outside of petals, deep coppery-reddish-salmon, inside apricot-yellow, flushed fawn and copper. Large, fairly full, of perfect form. Growth vigorous.

**MRS. AARON WARD.** A strong bush producing a profusion of flowers. The buds are long and shapely and open into cup-shaped flowers of deep Indian-yellow, occasionally washed with salmon-rose.

**MME. EDOUARD HERRIOT.** (The Daily Mail Rose). Coral-red buds opening to semi-double, medium sized flowers of coral-red, shaded with yellow and bright rosy-scarlet. An extraordinary Rose.



Sunburst



Rose, Ophelia

**OPHELIA.** Considered one of the best Roses of its color. The blooms are large and full, of a light salmon-flesh color with yellow at the base of the petals. Erect habit, with long, stiff stems.

**SUNBURST.** Orange-copper and golden yellow. A magnificent free blooming variety, especially handsome in bud form.

### PINK—and Shadings

**JONKHEER J. L. MOCK.** Outside of petals carmine, inside flesh pink.

**KILLARNEY BRILLIANT.** Flower is somewhat larger and a more brilliant pink than the parent Killarney.

**KILLARNEY.** Soft pink. Buds long and pointed. Because of its popularity this variety is well known.

**KONIGIN CAROLA.** Color a beautiful satiny rose; reverse of petals silvery rose.

**LADY ALICE STANLEY.** Beautiful coral-rose. A magnificent variety, nearly reaching perfection.

**LADY ASHTOWN.** Pale rose, shading to yellow at base of petals; fine buds.

**LADY URSULA.** Flesh-pink; large; tea-scented.

**LA FRANCE.** Flower beautiful pale pink silvery reflex; very large, full, globular, fine form, high centered, very highly perfumed. Growth vigorous, very free blooming.

**MME. ABEL CHATENAY.** The flowers are large and full, with broad petals gracefully recurved. The color is a lovely carmine-rose, shaded with salmon.

**MME. CAROLINE TESTOUT.** Very large flowers of great beauty. The broad petals are a bright satiny-rose.

**MME. JULES GROLEZ.** One of the best; a beautiful, satiny-china rose color, very bright and attractive; flowers of large size, very double, of good form and remarkably free flowering.

**MME. LEON PAIN.** The inside of petals are velvety-salmon with salmon-pink on the outside.

**MISS CYNTHIA FORDE.** Large, full, perfectly formed flowers of deep, brilliant rose-pink, with light rosy pink reflex. Blooms freely until late Autumn.

**MRS. A. R. WADDELL.** Soft rose-salmon, suffused golden blooms freely.

HYBRID TEA ROSES—PINK—Continued

**MRS. CHARLES RUSSELL.** Bright rose-pink, deepening toward the center. The blooms are large, globular and of fine form when fully developed. The bush is strong, sturdy, of branching habit, and very productive.

**MRS. WAKEFIELD CHRISTIE MILLER.** Large, globular, peony formed blooms of pleasing bright pink, shaded with lighter pink.

**PHARISÆER.** Flower rosy-white, shaded salmon in the center; large, full, long bud, opening well, very sweetly perfumed. Growth very vigorous, exceedingly free flowering.

**PRINCE DE BULGARIE.** Flower silvery flesh, deeper in the center, delicately shaded with salmon and pale rose; very large, full, elongated bud, opening well, produced on erect stems. Growth very vigorous, very free flowering. One of the best.

RED and CRIMSON

**CHÂTEAU DE CLOS VOUGEOT.** Flower velvety-scarlet, shaded fiery-red, changing to dark velvety-crimson. Large, full, globular, opening well, very sweet. Growth vigorous.

**EDWARD MAWLEY.** Deep purplish-crimson; dark blackish-crimson when fully opened.

**ETOILE DE FRANCE.** Velvety-crimson, center red cerise; fine, long bud; free flowering.

**GEN. MACARTHUR.** Brilliant, glowing crimson-scarlet; a splendid Rose and much admired.

**GRUSS AN TEPLITZ.** Few varieties have such a profuse blooming habit. They flower from early June until frost kills the buds. Of special value as a bedding variety. Color scarlet, shading to velvety-crimson; very fragrant.

**HOOSIER BEAUTY.** Deep, glowing crimson with darker shadings; large, beautifully formed flowers carried on vigorous, branching stems.



Gruss an Teplitz



Columbia—See page 114

**J. B. CLARK.** Intense deep scarlet, heavily shaded blackish-crimson. Very large, full flowers with immense petals. Very vigorous grower.

**LAURENT CARLE.** Large flowers of great beauty and substance. The color is brilliant velvety-carmine.

**RED RADIANCE.** In every way except color this beautiful Rose is the exact duplicate of its parent, the excellent Radiance Rose. The color is deep red. Attractive the whole season until frost.

**REINE MARGUERITE D'ITALIE.** Deep crimson, almost maroon. A great bloomer, especially in the Fall. Very fragrant.

WHITE

**KAISERIN AUGUSTA VICTORIA.** The blooms are large, full and globular. The color is beautiful creamy white. Fragrant and free bloomer.

**KILLARNEY WHITE.** A white sport of the well-known "Killarney," with all the prominent and desirable qualities of that variety. Flowers large and pure white.

F. F. R. COLLECTION  
Hybrid Tea Roses

Containing twelve of the choicest varieties in colors of pink, white, red, yellow and salmon-pink. Sent Postpaid to any P. O. Address in New England for \$8.75.

Duchess of Wellington    Etoile de France  
Gen. MacArthur    Gruss an Teplitz  
K. A. Victoria    Killarney    Killarney White  
Koenigin Carola    Lady Pirrie  
Mme. Caroline Testout  
Ophelia    Radiance



## HARDY CLIMBING ROSES

We recommend mailing Climbing Roses. Add 10c. for one Rose and 3c. for each additional.

**AVIATEUR BLERIOT.** Fragrant medium sized flowers of saffron-yellow, deepening to copper toward the center and borne in clusters. Each \$1.00.

**CLIMBING AMERICAN BEAUTY.** Large fragrant flowers of a rich carmine color produced in abundance on strong growing canes. Each 75c., doz. \$8.00.

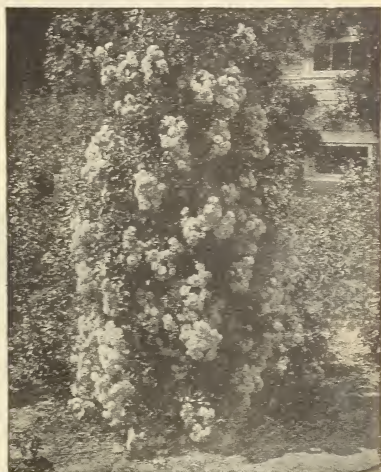
**AMERICAN PILLAR.** Large single flowers of cherry pink with a clear white eye which surrounds numerous golden stamens. Each 75c., doz. \$8.00.

**CHRISTINE WRIGHT.** Large double flowers of wild rose pink. Each \$1.00, doz. \$10.00.

**CRIMSON RAMBLER.** Bright crimson flowers borne in immense clusters during June and July. Each 60c., doz. \$6.00. Extra strong, Each 50c., doz. \$5.00. Pot grown, Each \$1.25.

**DOROTHY PERKINS.** Countless clusters of double pink flowers of a most beautiful shade. Strong dormant plants. Each 60c., doz. \$6.00. Selected, extra strong. Each 50c., doz. \$5.00. Pot grown, Each \$1.25.

**WHITE DOROTHY PERKINS.** A white form of Dorothy Perkins. Each 75c., doz. \$7.50.



Dorothy Perkins



Silver Moon

**DR. W. VAN FLEET.** Long, pointed deep pink buds, which when fully expanded are light pink, gradually deepening to a rich shell-pink in the center. The open bloom averages 4 inches in diameter and is borne on long stems. Each 75c.

**EXCELSA.** (Red Dorothy Perkins). Brilliant scarlet-crimson flowers of the same type as Dorothy Perkins. The foliage is clean and is not subject to mildew. Each 60c., doz. \$6.00; pot grown, each, \$1.25.

**FLOWER OF FAIRFIELD.** Similar to Crimson Rambler but having a habit of producing a second crop of blooms late in the Summer. Each 75c.

**HIAWATHA.** A single flowering variety of great beauty. Deep crimson shading to white at the base. A strong vigorous grower. Each 75c., pot grown, each \$1.25.

**PAUL'S SCARLET CLIMBER.** A brilliant, vivid scarlet, which is maintained from bud until the petals fall. Medium in size, semi-double, in clusters of from three to six flowers each, the plants are literally covered with blossoms. Each \$1.00.

**SILVER MOON.** Clear silver-white with bright yellow stamens, large, fragrant flowers; growth vigorous and free blooming. Each \$1.00.

**TAUSENDSCHOEN.** (Thousand Beauties.) Large clusters of flowers varying in color from pink to white. Each 75c., doz. \$7.50; pot grown, each \$1.25.

## CLIMBING HYBRID TEA ROSES

**CLIMBING KAISERINE AUGUSTA VICTORIA.** Soft pearly white, shading to creamy yellow. Each \$1.25.

**CLIMBING LADY ASHTOWN.** The best of all climbing Hybrid Teas. The soft rose-colored blooms are produced almost without intermission throughout the entire season. Each \$1.25.

**CLIMBING MME. CAROLINE TESTOUT.** Satiny rose with bright center. Very free flowering and fragrant. Each \$1.25.

## POT-GROWN ROSES

Pot-grown Roses can be planted at any time during the Summer. If you cannot attend to the planting of dormant Roses in April and May you will have excellent results with our pot-grown Roses for later plantings.

We will have the following varieties for delivery after May 15th. Each \$1.25, doz. \$12.50, except as noted. Shipment by express only.

### HYBRID TEA

Duchess of Wellington  
Etoile de France  
Gen. MacArthur  
K. A. Victoria  
Killarney  
Killarney White  
Columbia, each \$1.50.

Mme. C. Testout  
Mme. Ed. Herriot  
Mrs. Aaron Ward  
Ophelia  
Red Radiance  
Sunburst  
Los Angeles, each \$1.50.

### HYBRID PERPETUAL

Anna de Diesbach  
Capt. Hayward  
Frau Karl Druschki  
George Arends  
Gen. Jacqueminot  
Magna Charta

Mme. Gabriel Luizet  
Mrs. John Laing  
Paul Neyron  
Prince Camille de Rohan  
Soleil d'Or  
Ulrich Brunner



### BABY RAMBLERS

Dwarf in habit, with exceeding freedom of bloom, the Baby Ramblers or Polyantha Roses are especially useful for edging beds of taller-growing Roses, or for masses. They bloom continually. Each 75c., doz. \$7.50, 100 \$55.00

**BABY RAMBLER RED.** The flowers are rich rosy crimson and are profusely produced over a long period; dwarf.

**BABY DOROTHY.** (Pink Baby Rambler.) Blooms in masses like the climbing Dorothy Perkins. They are strong and free blooming.

**BABY TAUSENDSCHOEN.** Pink, changing to rosy carmine as flowers expand. A delightful bedding Rose.

**ERNA TESCHENDORFF.** Deep crimson, darker than Red Baby Rambler.

**GEORGE ELGER.** Coppery golden yellow, changing to clear yellow when opening—the best of its color in this section.

### RUGOSA ROSES

**BLANC DE COUBERT.** Double, pure white flowers, possessing a delightful fragrance. Each \$1.00.

**CONRAD FERDINAND MEYER.** Clear silvery Rose when fully opened. Fragrant. Each \$1.00, doz. \$10.00.

**F. J. GROOTENDORST.** A cross between Rosa Rugosa and Baby Rambler. A strong, shrubby grower like the Rugosa, which it resembles in foliage as well. The flowers are produced in large clusters like the Crimson Baby Rambler. Two-year plants. \$1.50 each.

**HANSA.** Large, double, reddish violet flowers and attractive foliage. Each \$1.00, doz. \$10.00.

**MME. GEORGES BRUANT.** Large semi-double flowers of pure white. Each \$1.00, doz. \$10.00.

**ROSERAIE DE L'HAY.** Bright double red flowers, profusely produced. Each \$1.00, doz. \$10.00.

**ROSA RUGOSA.** Flowers single, red, fragrant and produced freely throughout the Summer; fruit bright crimson. (See Hedge Plants, page 112.)

**R. Alba.** White. Each 75c.

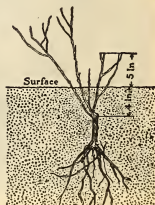
### How to Grow Roses

Select a sunny location in the open, southern exposure preferred, sheltered, if possible, from north winds.

**Prepare Beds** by using good soil and cow or well rotted horse manure. Beds should be at least 15 inches in depth.

Budded Roses have much stronger roots, and show by an abrupt offset where the bud was inserted and the stock cut off. When transplanted, this junction must be set 3 or 4 inches below the surface of the ground. The roots must not be exposed to frost nor allowed to become dry. The soil should be firmly compressed about the roots, and most of the top should be cut away before planting. If the soil and weather be dry, a good soaking of water should be given in sufficient quantity to reach the lower roots, and to prevent its quickly drying out. A mulch on the surface is very useful.

**For Winter protection,** draw the soil one foot high about the plants, or even more, if convenient. Manure can be put on for additional protection. It need not be rotted; green will answer just as well, and can be covered under in the Spring.







Planting of Phlox

## HARDY PERENNIAL PLANTS

The size mentioned in the descriptions indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

**Prices of Perennials,** except where otherwise noted, 30c. each, 6 of the same variety \$1.50, 12 of the same variety \$2.50, 50 or more of the same variety at the rate of \$15.00 per 100. Parcel Post. Perennials may be mailed for an additional 10c. per half dozen, or 15c. per dozen plants.

- ACHILLEA** Ptarmica, "The Pearl." Small double-white flowers blooming profusely all Summer. 2 ft.
- ACONITUM** Napellus (Monkshood). Dark blue flowers from July to September. 3 ft. **Each 40c.**
- ALYSSUM** saxatile compactum (Madwort). Produces early in the Summer masses of broad, flat heads of bright yellow flowers. 1 ft.
- ANEMONE** japonica. Hardy perennial, flowering from the first of August till frost.
- alba.** Flowers pure white. On long stems.
- Prinz Heinrich.** Dwarf, semi-double dark red flowers.
- Queen Charlotte.** Semi-double, light pink in color.
- Whirlwind.** A semi-double form of *A. alba*.
- AQUILEGIA** chrysantha (Golden-Spurred Columbine). Flowers are a pure golden yellow with long spurs. June to September. 3 ft.
- chrysantha alba.** A white flowering form of above.
- Long-spurred Varieties.** A selected strain of immense flowers in all the brilliant shades.
- ARABIS alpina** (Rock Cress). Charming white flowers in Spring. Dwarf, free flowering; adapted for rock gardens and borders. 6 in.
- ARMERIA** maritima (Cushion Pink). Deep crimson flowers on stiff stems during the Summer, above evergreen tufts of foliage. 1 ft.
- ASCLEPIAS** tuberosa (Butterfly Weed). Flowers are a bright orange and are borne in terminal flat clusters. Succeeds best on dry soil. June to Sept. 2 ft.
- HARDY ASTERS** (Michelmas Daisies). They flower at a time when few hardy plants are in bloom.
- Arturus.** Bright red. August to October. 3 ft.
- Climax.** The largest deep blue variety. 4 ft.
- ericoides.** White with yellow center. October and November. 3 ft. Flowers small; free flowering.
- Lady Trevelyan.** Large, white flowers; early. 3 to 4 ft.
- Madonna.** The best late pure white. 3 ft.
- noxe-angliae** Violet-purple. Sept. and Oct. 4 ft.
- noxe-angliae roseus.** Rosy crimson. Late.
- noxe-angliae rubra.** Deep red. 5 ft.
- tataricus.** Purple. 6 ft. September and October.
- DICENTRA** spectabilis (Bleeding Heart). Blooms in May and June, and has long, graceful racemes of rosy-red flowers, with protruding white inner petals. **Each 75c., doz. \$7.50.**
- BOLTONIA** latisquama. Very showy pink flowers, fine for cutting. August and September. 4 to 5 ft.

### Campanula (Bluebells)

- Carpatia** (Harebell). Blue, bell-shaped flowers, borne erect to a height of 9 in., from June to September.
- Carpatia alba.** Pure white. Fine for borders.
- Medium** (Canterbury Bells). 3 ft. June and July.
- persicifolia grandiflora.** Purple bell-shaped flowers during June and July, borne on a spike 3 ft. high.



Aster Climax



Pompon Chrysanthemums

## Hardy Chrysanthemums

Each 30c., 6 of same kind, \$1.50, 12 of same kind, \$2.50.

### EARLY FLOWERING

- Albee Howell.** A rich shade of orange-yellow.  
**Border Beauty.** Orange, petals tipped with gold.  
**Carrie.** Deep yellow.  
**Etoile d'Or.** Large, bright yellow.  
**Firelight.** Large red, touched with orange.  
**Glory of Seven Oaks.** Large, brilliant yellow.  
**L'Argentillaise.** Medium height, a good red.  
**Mrs. F. Collier.** Best pure white; dwarf.  
**Nina Blick.** Golden bronze, changing to yellow; dwarf.  
**Oconto.** Japanese variety; white, large flowers.  
**Skibo.** Clear yellow.  
**Source d'Or.** Large, brilliant orange.  
**Wells' Scarlet.** Terra cotta, large flowered, dwarf.

### HARDY POMPON

- Brown Bessie.** Mahogany brown (small button).  
**Chatillonnaise.** Large, light yellow.  
**Excelsa.** Small yellow.  
**Favorite.** Rosy-pink.  
**Klondike.** Deep brilliant yellow.  
**Model.** Light yellow Pompon.  
**Niza.** Dwarf type, deep pink, early dwarf.  
**Snowclad.** Pure white.  
**Tennyson.** Light pink.

- CHRYSANTHEMUM Leucanthemum** (Shasta Daisy).  
 Large, white, daisy-like flowers, often measuring 4 in.  
 across. Borne on single, stiff stems. July to frost. 2 ft.  
**COREOPSIS grandiflora.** Yellow flowers with brown center.

**lanceolata.** A superb variety for cutting. Flowers  
 golden yellow and fully 3 in. in diameter. Very  
 profuse bloomer. June to frost. 2 ft.

## Delphinium (Larkspur)

- Belladonna.** Beautiful, clear blue, with white eye;  
 dwarf habit, free flowering, blooming all Summer.  
**Chinese album.** Pure white. Grows about 3 ft. high.  
**Chinese azureum.** A clear blue form of above.  
**Formosum.** The most popular of the Larkspurs.  
 Flowers deep blue with white eye, on long spikes.



Oriental Poppy (See page 122)

**DIGITALIS** (Foxglove). Old-fashioned hardy biennial  
 plants with broad foliage and showy flowers borne  
 on spikes. June and July.

**DIANTHUS barbatus** (Sweet William).  
 Flowers of the most brilliant colors and  
 borne in heads quite profusely.

**D. plumarius** (Grass Pink). Pink. 1 ft.  
 May and June.

**FUNKIA** (Hosta) **undulata variegata.**  
 Green leaves margined and edged white.  
**subcordata grandiflora.** Large white  
 flowers, borne in heads. Foliage green,  
 18 in. August and Sept. Each 40c.

**GAILLARDIA grandiflora.** Ray flowers  
 ranging from red to yellow, dark maroon  
 center. 3 ft. June to frost.

**GYPHOPHILA paniculata** (Baby's Breath).  
 Minute white flowers borne in enormous  
 quantity.

**HELENIUM autumnale superbum.**  
 Large, yellow flowers, borne in immense  
 panicles. 6 to 7 ft. July to September.

**autumnale rubrum.** Terra cotta red.  
**HEMEROCALLIS flava** (Lemon Day Lily).  
 Fragrant yellow flowers in June. 2 ft.

**fulva** (Orange Day Lily).

**HIBISCUS, Crimson Eye.** Large, showy  
 white flowers with a crimson-purple eye.  
 Aug. and Sept. 6 to 7 ft.

**Moscheutos albus.** White. 3 to 4 ft.  
**Moscheutos roseus.** Pink form.

**HOLLYHOCK, Single and Double.** Pink,  
 red, white, maroon, yellow.



Lupins and German Iris





Japan Iris

**SIX CHOICE GERMAN IRIS**

**Golden Yellow.** A vigorous growing, free flowering golden yellow without markings or shadings.

**King of Iris.** Standards clear lemon-yellow, falls satiny brown bordered with golden yellow.

**Lorelei.** Falls marine-blue veined with white and bordered with yellow.

**Mithras.** Large flowers with pale yellow standards and violet falls, bordered with claret and yellow.

**Nibelungen.** Standards fawn yellow, falls violet blue with fawn margin.

**Rhein Nixe.** Standards white, falls violet-blue with white margin.

Price: Each 50c., doz. \$5.00.

**SPECIAL OFFER:** One each of the above varieties, postpaid, \$2.50.

**Perennial Phlox**

Varieties marked (T) grow 3 ft.; (M) grow 2 ft.; (D) grow 1 to 2 ft.

Each 30c., doz. \$2.50, 100 \$15.00, except as noted.

**Annie Cook.** T. Flesh pink.

**Astrild.** T. Brilliant carmine, deeper center.

**Boule d'Feu.** T. Cherry-red

**Europa.** T. White with crimson eye.

**F. G. von Lassburg.** M. Large white.

**George A. Stroblein.** T. Dark red.

**Goliath.** T. Crimson scarlet; very tall.

**Hermine.** D. White; dwarf; fine for borders.

**J. H. Slocum.** T. One of the best crimson Phlox

**Jeanne d'Arc.** M. Pure white; late.

**Le Caid.** M. Pink; darker eye.

**Mme. Paul Dutrie.** T. Delicate soft pink.

**Mrs. Jenkins.** M. Best early white.

**Peach Blow.** M. Pale pink, shading lighter toward edge.

**Prosper Henry.** M. Large white; bright crimson eye.

**Rheinlander.** M. Salmon with red eye.

**Richard Wallace.** T. Pure white; violet-rose center.

**Rynstroom.** T. Deep rose, very large.

**Selma.** T. Delicate, soft pale pink, with distinct red eye

**Thor.** M. Deep salmon-pink with red eye.

**Tragedie.** M. Brilliant carmine with blood-red eye.

**Wanadis.** T. Violet with reddish-purple eye.

**W. C. Eagan.** M. Soft pink, very large flowering.

**Japanese Iris (Iris Lævigata)**

Order by number. Each 35c., doz. \$3.50, 100 \$22.00.

1. Double white.
2. Double purple.
3. Single deep violet with gray veining.
4. Single violet-red flowers. Foliage narrow.
5. Double deep blue or royal purple, white markings.
6. Single, blue-gray with yellow throat.
7. Single, gray overlaid with violet veining.
8. Single, red-violet veined gray, yellow throat.
9. Double, violet-red.
10. Single, reddish-purple.
11. Double, bright violet.
12. Double, white with yellow throat.
13. Double, pure white.
14. Double, purple, veined white.
15. Double, white, veined rose.
16. Double, royal purple, late.
17. Double, deep purple.
18. Double, very light blue, white center.
19. Double, white, penciled, blue, purple center.
20. Double, bluish purple, veined white.

**German Iris (Iris Germanica)**

Each 30c., doz. \$2.50.

"S" represents standards (upper petals) "F" falls (lower petals).

**Adonis.** S, yellow; F, primrose, veined red. 18 in.

**Albino.** S, pale lavender; F, purple. 18 in.

**Black Prince.** S, purplish-lilac; F, velvety black.

**Chameleon.** S, delicate blue; F, tipped a little darker.

**Charlotte Patty.** S, golden yellow; F, veined blue.

**Dalmatica.** S, lavender; F, lavender tinged purple;

flowers very large and fine. 40 in.

**Fairy Queen.** S, lavender; F, tipped violet. 22 in.

**Florentina alba.** Large, fragrant, white flowers. 2 ft.

**Garrick.** S, light blue; F, violet-blue.

**Lilacina.** Small flowers. White and mottled.

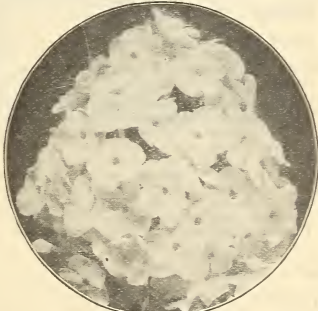
**Mme. Chereau.** White feathered edges of sky-blue;

free flowering; very beautiful. 32 in.

**Mme. de Brabant.** S, lavender; F, purple streaked.

**Pauline.** S, light blue; F, slightly darker.

**Queen of May.** Soft rose lilac, almost pink. 32 in.



Mrs. Jenkins

**Six Choice Hardy Phloxes**

Each 35c., doz. \$3.50.

**Australia.** Brilliant cherry-red.

**B. Conte.** French purple. A fine dark flowered variety.

**Elizabeth Campbell.** Bright salmon with pink center.

**Miss Lingard.** Earliest white, pale pink eye.

**Pantheon.** Rose-pink.

**Special French.** Similar to Elizabeth Campbell, but a much stronger grower.

**Special offer:** One each of the above six varieties, \$1.75 postpaid.

# PAEONIES

Peonies are among the most hardy, showy, and easily grown of all the garden flowers. They are rarely attacked by any insects or fungous diseases, neither do they require protection during the severest weather. They grow in all kinds of soil, but do best in rich, rather moist loam. Liquid manure applied during the growing season, and while in bud will give good returns.

E. signifies Early; (M) Midseason; (L) Late.

**Alsace Lorraine.** L. Flat flowers of creamy white; petals pointed, giving water lily effect. **\$2.00.**

**Asa Gray.** M. Large compact flower; flesh color sprinkled with carmine. **\$1.25.**

**Baroness Schroeder.** M. Flesh color fading to milk-white; very large and fragrant. **\$1.50.**

**Couronne d'Or.** L. Large, pure white with golden stamens. **\$1.00.**

**Duchess de Nemours.** E. Cup-shaped bloom; sulphur-white; fragrant. **\$1.00.**

**Duke of Wellington.** L. Sulphur-white. **75c.**

**Dorchester.** L. Delicate pink. **75c.**

**Felix Crousse.** M. Bright red. **\$1.00.**

**Festiva maxima.** M. Large, ivory-white, with a fleck of crimson in center. **75c.**

**James Kelway.** M. White with a golden glow at base of petals; fragrant. **\$1.50.**

**La Rosiere.** M. White, shading to cream, with yellow tints. **\$1.50.**

**La Tulipe.** L. Tulip-shaped buds of bright pink; streaked crimson. **\$1.00.**

**Louis Van Houtte.** L. Fine, dark crimson; fragrant. **\$1.00.**

**Marie Jacquin.** M. Large, white. **\$1.00.**

**Marguerite Gerard.** L. Flesh-pink fading to a creamy white; fragrant. **\$1.50.**

**Marechal Vaillant.** L. Immense blooms of crimson; long stems. **\$1.00.**

**Mme. Lemoine.** Soft flesh-white. **\$1.50.**

**Mme. Ducl.** M. Large blooms of rose-pink with silvery reflex. **\$1.00.**

**Modele de Perfection.** L. Large blooms of light violet-rose; fragrant. **\$1.00.**

**IBERIS sempervirens** (Hardy Candytuft). The perennial Candytufts are evergreen, form dense masses of pretty foliage and are covered with clusters of fragrant white flowers early in the Spring. April, May, 10 in. **LILY OF THE VALLEY** (For Outdoor Planting). Clumps, each 40c., doz. \$4.00.

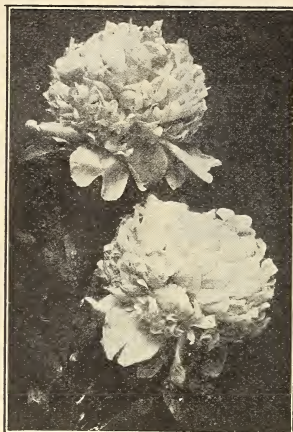
**LOBELIA cardinalis** (Cardinal Flower). Long, dense spikes of handsome, rich and cardinal-red flowers. Blooms in August and September. 3 to 4 ft.

**LUPINUS polyphyllus** (Lupin). Deep blue, pea-shaped flowers on long spikes. June to September.

**polyphyllus albus.** Pure white.

**MONARDA didyma** (Bee Balm). Bright scarlet flowers in terminal heads. July to Sept. 2 to 3 ft.

**PLATYCODON grandiflora** (Balloon Flower). Blue, bell-shaped flowers. July to September. 2½ ft.



Mons. Jules Elie

**Monsieur Dupont.** M. Ivory-white center splashed crimson; fragrant. **\$1.00.**

**Mons. Jules Elie.** Immense globular blooms, guard petals recurved, resembling Chrysanthemums. Clear, medium pink with a silvery tinge. Midseason. **\$1.50.**

**Neptune.** M. Guard petals lilac, center milk-white. **\$1.00.**

**Octavie Demay.** E. Flat flowers of pink and white; fragrant. **\$1.50.**

**Officialis rubra.** E. Old-fashioned deep red. **\$1.25.**

**Perfection.** L. Large, bright pink; fragrant. **\$1.50.**

**Rubra superba.** L. Dark crimson. **\$1.00.**

**Sarah Bernhardt.** L. An unusual variety of delicate shell-pink. **\$4.00.**

## THE FOLLOWING VARIETIES

Each 50c., doz. \$5.00.

**Canari.** L. Creamy white.

**Edulis superba.** E. Deep rose-pink; fragrant.

**Frances Ortegat.** Deep red, broad glossy petals.

**Grandiflora rosea.** E. Deep pink; vigorous grower.

**Helena.** M. White with straw center.

**Jeanne d'Arc.** M. Pale lilac-rose shading to lighter at center.

**L'Elegante.** Pink, center shaded to blush; rose scented.

**La Fiancee.** Large blooms of creamy white.

**Mme. Coste.** E. Flesh pink shading to white at center.

**Mme. de Vetry.** Milk-white splashed with crimson.

**Marguis de Lory.** Deep rosy pink.

**Plutarch.** Deep crimson, stamens yellow; large.

**PAPAYER orientale** (Oriental Poppy). Large, brilliant scarlet flowers, 4 to 6 in. in diameter. Very striking. 3 to 4 ft. May and June. See page 120.

**PYRETHRUM roseum hybridum.** Single flowering in shades of pink, lavender and red; mixed colors.

**RUDBECKIA, Golden Glow.** June till Fall. 6 to 8 ft.

**SCABIOSA caucasica.** Pale lilac flowers about 3 in. across, blooming throughout the Summer. 2 ft.

**SEDUM spectabile.** Rose-colored flowers in immense heads. Fall. 1 ft.

**STOKESIA (laevis) cyanea** (Cornflower Aster). Large, deep blue flowers, from August to October.

**TRITOMA Pätzleri** (Red Hot Poker). Color a rich, brilliant orange; medium height; Summer till Fall.

**VALERIANA officinalis.** Old-fashioned garden Heliotrope, lavender flowers. June and July. 4 ft.

## SPECIAL COLLECTIONS OF HARDY FERNS

The following collections of ferns are made up to help in selecting for special wants.

No. 1. For Open Sun Culture. Price \$6.00.

This collection is desirable for the open border, and, all being rather tall, can be grown as single specimens or for massing with or without flowers.

- 5 ONOCLEA Struthiopteris. 3 ft.
- 2 OSMUNDA Claytoniana. 2 ft.
- 20 DICKSONIA punctilobula. 1½ ft.
- 5 ASPLENIUM Filix-femina. 2 ft.

No. 2. For Dry, Shady Places. Price \$6.00.

These ferns will grow in a dry, shady place. Plant them where flowers, as a rule, do not thrive.

- 10 ASPIDIUM marginale. 1½ ft.
- 10 ASPIDIUM acrostichoides. 1 ft.
- 10 DICKSONIA punctilobula. 1½ ft.
- 10 OSMUNDA Claytoniana. 2 ft.

No. 3. For Moist, Shady Places. \$7.00.

This collection is very fine: easily handled in moist, shady places; also for large rockery.

- 5 ADIANTUM pedatum. 1 ft.
- 5 ASPIDIUM cristatum. 1 ft.
- 5 ASPIDIUM acrostichoides. 1 ft.
- 5 ASPIDIUM spinulosum. 1½ ft.
- 5 ASPIDIUM marginale. 1½ ft.
- 5 ASPLENIUM thelypteroides. 2 ft.
- 5 ASPLENIUM Filix-femina. 2 ft.
- 5 PHEGopteris hexagonoptera. 8 in.
- 5 WOODWARDIA virginica. 2 ft.



## Hardy Orchids

The Orchids of New England for the most part, are shade-loving plants, and delight in a soil well drained and largely composed of leafmold.

**CYPRIPEDIUM acaule** (Lady's Slipper, Moccasin Flower). This is often called the Red Lady's Slipper, but the flower is rose-purple in color. The plant sends up two broadish green leaves from the base, and from between them comes a stalk about a foot high, bearing a single large, showy flower. Plant in a well-drained soil, with some leafmold. This does quite well in pots. **Each 30c., doz. \$3.00.**

**pubescens** (Large Yellow Lady's Slipper). The flowers are larger. This should be planted in a rich bed in which leafmold should be a part, in some moist, yet well-drained, shady spot. **Each 30c., doz. \$3.00.**

**spectabile** (Showy Lady's Slipper). The finest and most showy of all our Orchids. It grows about 2 ft. high, bearing along the stalk several rather large, roundish leaves, and on top one or two quite large rose-purple or nearly white flowers. It does exceedingly well in a moist and partly shaded bed of peat or leafmold. It is also a good pot plant, where the air is not too warm or dry. **Each 50c., doz. \$6.00**



Pink Lady's Slipper (*Cypripedium acaule*)

## Native Wild Plants

25c. each, \$2.50 per doz., \$15.00 per 100.

**AQUILEGIA canadensis**. One of our prettiest wild flowers. Yellow and red flowers an inch long. Very desirable for rockeries. 8 to 20 in. high.

**CIMICIFUGA racemosa** (Black Snakeroot). Tall plants with white flowers in elongated racemes. Desirable for a moist, shady corner. 4 to 6 ft. high.

**EUPATORIUM acerifolium** (White Snakeroot). Grows 2 to 3 ft. high, with a profusion of small, white flowers, in heads in late Summer. Very desirable for planting in woodlands.

**GENTIANA Andrewsii** (Closed Gentian). A pretty and strong-growing northern species, with clusters of blue flowers an inch or more in length. Plant in rich, moist soil.

**HEPATICACUTILLOBA** (Acute-lobed Hepatica). An early blooming western plant with white, pink, or purple flowers in early Spring.

**triloba** (Round-lobed Hepatica). One of the earliest of our wild wood flowers. Leaves three-lobed; the flowers are pink and dark purple. Fine for massing in the shade or open.

**IRIS cristata** (Crested Iris). A little low species, no more than 2 or 3 in. high, found wild in the southern States. Flowers light blue, marked with white. Fine for the border.

**MERTENSIA virginica** (Virginia Cowslip). This plant grows from 1 to 2 ft. high, bearing a panicle of beautiful purple or sometimes white flowers in early Spring. Plant in a moist, shady place.

**PHLOX amena** (Lovely Phlox). One of the most charming little dwarf plants, growing about 6 in. high, and forming a mat of evergreen foliage which is entirely covered with compact heads of bright pink flowers from April until June.

**SANGUINARIA canadensis** (Bloodroot). A low perennial, about 6 in. high, with pure white flowers an inch in diameter, in early Spring. The large, leathery leaves appear later. Plant in rich, shady places or rock garden.



*Trillium grandiflorum*

**TRILLIUM**. Three-leaved night shade. A class of low perennials, having a stout and simple stem from their tuber-like root, naked, and bearing at the top three ample leaves in a whorl and a terminal flower.

**erectum**. Has broad, rhomboid leaves, with a dark purple flower.

**grandiflorum**. Probably the prettiest of the genus, and most generally cultivated. It grows 8 to 15 in. high; large, white flowers, often 2 to 2½ in. in length and 2 in. wide, turning to lilac-color with age.

**stylosum**. A southern species. Pink flowers in early Spring.

**erythrocarpum** (Painted Trillium). White flowers painted with purple at the base; delights in cold, damp leafmold.

**VIOLA**. The Violets are, for the most part, among our first Spring flowers. They furnish an abundance of bloom, and are easily grown.

**canadensis**. Grows 1 to 2 ft. high, with heart-shaped leaves and whitish flowers tinged with purple. A moist, shady situation is desirable for its cultivation.

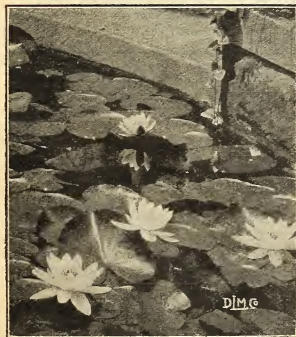
## Hardy Water Lilies—Nymphaea

Water Lily roots will be ready about June 1st, and will be mailed postpaid at prices mentioned. Where no pond or slow flowing stream is near at hand, the plants may be grown in a large tub partly filled with rich mud or clay, the roots planted in this and the tub filled with water.

**odorata**. The fragrant Pond Lily of the northeastern United States; flowers white, 3 to 5 in. in diameter, stamens yellow; leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. **Each 50c., doz. \$4.50.**

**marliacea chromatella**. Petals and stamens bright yellow, 4 to 6 in. across. A very strong, free and continuous bloomer. **Each \$2.50.**

**tuberosa rosea**. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. **Each \$1.25.**



Sweet-scented Water Lily (*Nymphaea odorata*)



## BEDDING PLANTS

Ready for shipment during May and June.

	Doz.	100
<b>AGERATUM.</b> Flowers forming in heads and blooming continuously all Summer. Valuable for borders and edgings.....	\$1.25	\$8.00
Blue Perfection. Dark blue. Dwarf.		
Mexicanum. Light blue. Medium.		
Stella Gurney. Bright blue. Tall.		
<b>ALYSSUM, SWEET.</b> Used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.....	1.00	7.00
<b>ASTERS, American Late Branching.</b> White, pink, crimson, light blue, dark blue.....	.50	3.50
<b>ANTIRRHINUM</b> (Snapdragon).		
2½-in. pots.....	1.25	9.00
3½-in. pots.....	2.00	16.00
<b>BEGONIA.</b> Mad. Chatelaine. Rose-colored	2.50	20.00

## FLOWERING CANNAS

Started plants in pots.

Each 25c., doz. \$2.50, 100 \$15.00.

All varieties have green foliage unless otherwise noted  
**Allemania.** Salmon-pink with golden markings. 5 ft.



Our Canna Bed Collection "C"—Sells for \$3.00 each

Bedding Plants shipped by express only.

<b>Chas. Henderson.</b> Brilliant crimson-scarlet with flame yellow throat. 4 ft.	
<b>David Harum.</b> Bronze foliage, brilliant vermillion. 3½ ft.	
<b>Eureka.</b> The best white flowering variety. 4 ft.	
<b>Italia</b> (Orchid flowered). Brilliant red flowers, bordered yellow. 4 ft.	
<b>King Humbert.</b> Bronze foliage, flowers large, bright orange-scarlet, streaked with crimson. 5 ft.	
<b>Queen Charlotte.</b> Orange-scarlet, gilt edge. 2½ ft.	
<b>Richard Wallace.</b> Large, pure yellow. 4 ft.	
<b>Venus.</b> Rose and gold. 3 to 4 ft.	
<b>Wyoming.</b> Bronze-purple foliage. Flowers orange. 6 ft.	

## Six Fine Large-Flowered Cannas

Started in pots, each 35c., doz. \$3.50.

<b>Cheerfulness.</b> Bright fire-red or deep orange and early flowering. Green foliage. 3½ ft.	
<b>City of Portland.</b> One of the best pink Cannas, well filled trusses of large flowers. Green foliage. 3½ ft.	
<b>Mrs. A. F. Conard.</b> Large, salmon-pink flowers. 4 ft.	
<b>Nokomis.</b> The foliage is emerald-green and bronze, beautifully veined. Large, vivid crimson flowers. 5 ft.	
<b>The President.</b> A strong, vigorous grower. The foliage is dark green and firm and the flowers which are large, are a bright red and are borne in great profusion. 5 ft.	

**Yellow King Humbert.** Large clusters of yellow flowers with red spots. 4 ft.

## CANNA BED COLLECTIONS

**COLLECTION A, Round Bed, 10 ft. across, 37 plants.** Set 18 in. apart. Complete, \$8.50.  
 For center, 19 plants, tall bronze leaf, red flowering.

For border, 18 plants, green leaf, yellow flowering.

Our selection of varieties, regular sized plants.

**COLLECTION B, Round Bed, 10 ft. across, 46 plants.** Complete, \$5.00.

For center and first row, 7 plants, tall, yellow flowering, green-leaved Cannas.

For second row, 12 red flowering, bronze-leaved Cannas.

For border, 27 yellow leaved Coleus.

Set the Cannas 18 in. apart, Coleus 12 in. apart.

**COLLECTION C, Round Bed, 7 ft. across, 25 plants.** Complete, \$3.00.

For center, 7 tall, bronze-leaved flowering Cannas.

For outside row, 18 Salvia.



<b>CALADIUM esculentum</b> (Elephant's Ear). Doz. 100 Grows 3 to 5 ft. high with handsome leaves often 3 ft. long and 20 in. wide. ....	
Each 40c., \$5.00	
<b>CALENDULA</b> . Large, disc-like double flowers borne in profusion from June to November.	
Orange King, Lemon Queen. 2½-in. pots 1.25 \$8.00	
3½-in. pots 2.00 15.00	
<b>CASTOR OIL BEAN</b> . Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Canas.	
Each 30c., to \$3.00	
<b>COBÆA scandens</b> . One of the best annual climbers, attaining a height of 15 ft. Flowers bell-shaped, about 3 in. in diameter. ....	Each 30c., 3.00 20.00
<b>COCKSCOMB</b> ( <i>Celosia</i> ), <i>Plumosa</i> . -Crimson. Golden yellow. ....	1.25 8.00
<b>COLEUS</b> . Golden Bedder. Yellow. 1 ft. ....	1.00 7.50
Verschaffeltii. Red. 1 ft. ....	1.00 7.50
<b>COSMOS</b> . Early flowering. Assorted. 2½-in. pots. ....	1.25 8.00
3½-in. pots. ....	2.00 15.00
<b>DRACÆNA</b> . <i>indivisa</i> . This variety is used as a center plant for vases and window boxes. ....	Each \$1.00-\$2.00, 3.00
<b>FUCHSIA</b> . Assorted varieties. Each 30c.-50c. 3.00	
<b>HELIOTROPE</b> . Blue. Old-fashioned. ....	1.25 8.00
2½-in. pots. ....	2.00 15.00
3½-in. pots. ....	3.00 22.00
Montreal. Blue. ....	
Standard (Tree type). 20-in. stem. ....	Each \$3.00.
Standard (Tree type). 36-in. stem. ....	Each \$5.00.
<b>IVY</b> . English. ....	Each 50c., 6.00
German. ....	Each 30c., 3.00
<b>LEMON VERBENA</b> . ....	Each 30c., 3.00
<b>LOBELIA</b> . Crystal Palace compacta. Dwarf. Dark blue. ....	1.25 8.00
<i>erinus glauca</i> . Dark blue, trailing. ....	1.25 8.00
<b>MARIGOLD</b> . Mammoth African. ....	1.25 8.00
Dwarf French. ....	1.25 8.00



Phlox Drummondii



Salpiglossis

<b>PANSY</b> . Triumph Exhibition Strain of Choicest Colorings. .... 25 plants, \$1.50; 50 \$2.50, ....	Doz. 100 \$4.00
<b>PETUNIA</b> . Giants of California. ....	\$2.00 15.00
Double. Assorted colors. ....	2.00 15.00
Single Rosy Morn. Bright rosy-pink, white throat. 2½-in. pots. ....	1.25 8.00
3½-in. pots. ....	2.00 15.00
<b>PHLOX</b> . Drummondii. Assorted. ....	1.25 8.00
<b>SALPIGLOSSIS</b> . The funnel-shaped flowers are borne on long, slender stems, in rich, velvety shades of yellow, crimson and purple. ....	2.50 20.00
<b>SALVIA</b> (Scarlet Sage). 2½-in. pots. ....	1.00 7.50
3½-in. pots. ....	2.00 15.00
<b>SCABIOSA</b> (Mourning Bride). Assorted. ....	1.25 8.00
<b>VERBENA</b> (Boston Mammoth). ....	1.25 8.00
<b>VINCA</b> , or <b>PERIWINKLE</b> . Variegated leaf. Trailing. ....	Each 20c., 35c., 50c.
<b>ZINNIA grandiflora</b> . Dwarf. ....	1.25 8.00

## GERANIUMS

	Each	Doz.	100
<b>Alphonse Ricard</b> . Handsome, per- fectly formed, semi-double flowers of a bright vermillion scarlet. ....	\$0.35	\$3.00	\$20.00
<b>Beaute Potvine</b> . Enormous flow- ers of a light salmon-pink, double, semi-dwarf. ....	.35	3.00	20.00
<b>Jean Viaud</b> . Brilliant rose-pink, shad- ing to a distinct white throat; double, dwarf. ....	.35	3.00	20.00
<b>Mrs. Lawrence</b> . Satiny salmon-pink tinged with white; double, dwarf. ....	.35	3.00	20.00
<b>S. A. Nutt.</b> Dark red; double. Con- sidered one of the best bedders. ....	.35	3.00	20.00
<b>Mme. Sallerol</b> . Foliage bright green edged with pure white; dwarf, com- pact grower. Excellent border plant	.25	2.00	15.00
<b>Ivy-Leaved</b> . Useful for baskets and window boxes. ....	.50	5.00	

(50 supplied at the rate per 100)

# APPLE TREES



Delicious

## Standard Trees

Two Year: Each \$1.25, doz. \$13.00, 100 \$80.00.  
One Year: Each 90c., doz. \$9.00, 100 \$60.00.  
Except as otherwise noted.

The varieties are arranged in the relative order of their ripening.

### SUMMER APPLES

**Sweet Bough.** Moderate growth; large; pale yellow, tender, juicy, sweet; very good. Ripening late July.

**Yellow Transparent.** Free growth; roundish, oblate, slightly conical; pale yellow; tender, juicy, sprightly subacid. Ripening late July.

**Early Harvest.** Moderate growth, medium to large yellow; tender, rather acid. Ripening late July.

**Red Astrachan.** Free growth; large, roundish; deep crimson; juicy, rather acid; very hardy. Ripening late July.

**Golden Sweet.** Free growth; large; yellow, tender, sweet, rich. Ripening late July.

**William's Favorite.** Moderate growth; large, oblong, red; rich and excellent. Ripening late August.

**Duchess of Oldenburg.** Vigorous growth; large; striped, tender, juicy, subacid; good; regular and abundant bearer. Late August.

### AUTUMN APPLES

**Gravenstein.** Vigorous growth; very large; striped; juicy, tender, crisp, rich, subacid. September.

**Porter.** Moderate growth; medium to large, yellow; fine grained; sprightly subacid. Ripening September.

**Wealthy.** Free growth; medium; dark red; juicy, vinous, subacid; good; very hardy. Ripening Sept.

**Fall Pippin.** Free growth; very large; yellow; tender, rich. Ripening September to December.

**Fameuse, or Snow.** Vigorous growth; medium; deep crimson; tender, subacid, delicious. One of the best dessert Apples. Ripening October.

**McIntosh Red.** Vigorous growth; handsome; very good, hardy. Ripening October. Each \$1.25, doz. \$13.50, 100 \$90.00.

**Wolf River.** Very large; red on a yellow ground; strong grower and a good bearer. Early October.

**Hubbardston.** Free growth; large, striped red and yellow; tender, juicy, rich. Early October.

**Tompkins King, or King of Tompkins County.** Vigorous growth; large, red-striped; tender, juicy, vinous; very good. Ripening early October.

**Wagener.** Vigorous growth; medium to large; yellow and crimson; juicy and subacid. Early October.

**Jonathan.** Medium growth; red and yellow; tender, juicy and rich; very productive. Early October.

**Tolman's Sweet.** Free growth; medium; yellow; firm, rich, sweet. Ripening middle October.

### WINTER APPLES

**Northern Spy.** Fruit is large, flesh is very juicy and crisp. November.

**Delicious.** The color is brilliant dark red, shading to yellow at the blossom end. The flesh is crisp, fine grained and quite juicy; flavor slightly acid but very pleasing. November.

**Sutton Beauty.** Free growth; medium to large; yellow and crimson; tender, juicy, subacid. November.

**Baldwin.** Vigorous growth; large; bright red; crisp, juicy, subacid; good; the most popular and profitable market sort. Ripening November to March.

**Spitzenburg.** Large, round, brilliant red with gray dots; firm, rich, crisp, juicy, spicy and delicious. November.

**Rhode Island Greening.** Vigorous growth; large; green; fine grained; subacid. December.

**Roxbury Russet.** Free growth; medium; greenish; rich, subacid; good, late keeper. December.

## Dwarf Trees

Each \$1.25, doz. \$13.00, in the following varieties:  
**Baldwin, Delicious, Duchess of Oldenburg, Early Harvest, Golden Sweet, King, McIntosh Red, Northern Spy, Porter, E. I. Greening, Wealthy, Yellow Transparent.**

### EXTRA HEAVY BALDWIN

We have to offer a limited quantity of extra selected Four Year Baldwins, well rooted and well developed tops. Each \$5.00.

### CRAB APPLES

Each \$1.25.

### Hyslop.

Transcendent.

### SCIONS

We can supply both Apple and Pear scions of all the varieties listed in this catalogue.

Six Scions of One Variety. 35c. postpaid.

Twelve Scions of One Variety. 55c. postpaid.

50 Scions not over 6 Varieties. \$2.25 postpaid.

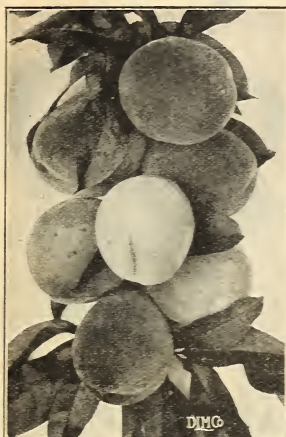
100 Scions, not over 10 Varieties. \$4.00 postpaid.

Refer to page 146 for grafting tools and supplies.

## Hints on Transplanting

1. Do not allow roots to be exposed to the sun, drying winds, or frost.
2. Prune, with a sharp, clean cut, any broken or injured roots.
3. Have the holes dug large enough to admit all the roots without cramping.
4. Plant in fine loam, enriched with thoroughly decomposed manure.
5. Do not allow any green unfermented manure to come in contact with roots.
6. Spread out the roots in their natural position, and work fine loam in among them, making it firm and compact.
7. Do not plant too deep. Let upper roots be set an inch lower than before.
8. Remove all broken branches, and cut back at least one-half of the previous year's growth of wood.
9. If the season lacks the usual rainfall, water thoroughly twice a week.
10. After culture! Keep soil in a good degree of fertility. Mulching the trees in Autumn with manure is beneficial.





Carman Peaches

## Cherries

Standard Trees, 5 to 7 ft., each \$1.50, doz. \$16.00.

### SWEET

- Black Eagle.** Moderate growth; large; black, tender, rich, juicy; best, July.  
**Black Tartarian.** Vigorous growth; large; purplish black; one of the best, June.  
**Coe's Transparent.** Vigorous growth; medium; amber and red; one of the best, June.  
**Governor Wood.** Vigorous growth; medium; clear, light red; tender and delicious, June.  
**May Duke.** Large dark red; middle of June.  
**Napoleon.** Vigorous growth; very large; pale yellow with red cheek; firm, juicy and sweet; very good, July.  
**Rockport.** Vigorous growth; large pale amber and red; sweet and tender, July.  
**Windsor.** Vigorous growth; large; liver colored; very firm; very good, July.

### SOUR

- Early Richmond.** Medium size; dark red; juicy rich acid flavor. The stone adheres to the stem.  
**Montmorency.** A large, red, acid Cherry; very prolific and hardy. Valuable for canning.  
**Morello, English.** Large; dark red, nearly black; tender, juicy, subacid; valuable for preserves.

## Plums

- Trees, 5 to 7 ft., each \$1.50, doz. \$16.  
**Bradshaw.** A very large, oval; dark violet red; juicy, sweet and good.  
**Coe's Golden Drop.** Very large; light yellow; rather firm; rich, sweet and good; adheres to the stone.  
**Damson.** Last of September. Small; dark purple; valued for preserving.  
**Lombard.** Medium oval; violet red, juicy, pleasant and good; very productive.

### JAPAN PLUMS

- Abundance.** Lemon-yellow ground, overspread with bright cherry, and with a heavy bloom; large.  
**Ensbank.** Large and beautiful; clear cherry red, with a thin lilac bloom; flesh yellow; sweet.  
**Wickson.** Deep maroon-red, covered with white bloom; flesh fine texture, firm and sweet.



Dwarf Pears

## Peaches

Each 65c., doz. \$6.50, 100 \$45.00. Except as noted.

- Carman.** A hardy rot-proof Peach. Large, round, pale yellow skin and red blush on sunny side; white flesh, sweet flavor.  
**Champion.** Large, creamy white with red cheek.  
**Crawford's Early.** Very large, yellow; juicy, melting; freestone. Ripening end of August.  
**Crawford's Late.** Very large; yellow; juicy, good; freestone. Ripening end of September.  
**Crosby.** One of the hardest; bright yellow and fine quality.  
**Elberta.** Large, light-colored yellow Peach; juicy, well flavored; finest yellow; freestone.  
**J. H. Hale.** One-third to one-half larger than Elberta and superior in flavor. Each 75c.  
**Mountain Rose.** Large; white and red; juicy; good. Ripening end of August.  
**Oldmixon Free.** Large; greenish white and red; juicy and rich. Ripening middle of September.  
**Rochester.** A yellow freestone variety; sweet; early. Each 75c.  
**Stump of the World.** Medium to large; red and white; good. Ripening middle of September.

## Pears

Standard Trees, 5 to 7 ft., each \$1.50, doz. \$16.00, except where noted.

### DWARF PEARS

Varieties marked with an asterisk (\*) can be supplied in Dwarf.

- 3 to 4 ft., each \$1.50, doz. \$15.00**  
**\*Anjon.** Vigorous growth; very large; greenish yellow; melting, buttery, juicy; keeps into middle Winter; is the most valuable. Ripening November and December.  
**\*Bartlett.** Vigorous growth; large; yellow and red; juicy, buttery, with a rich, musky flavor; very good. Ripening September.  
**Bosc.** Moderate growth; large; russet; buttery, rich, high flavored; best. Ripening September and October. Each \$2.00.  
**\*Clapp's Favorite.** Vigorous growth; very large and handsome; yellow and crimson; melting, buttery, vinous; very good. Ripening August.  
**Dana's Hovey.** Moderate growth; small, but of fine quality. Ripening November to January.  
**\*Duchess d'Angouleme.** Flesh white, with rich, buttery flavor, very large, oblong shape; very abundant.  
**Lawrence.** Moderate growth; medium to large; golden yellow; melting, pleasant, aromatic. Ripening November and December.  
**\*Seckel.** Moderate growth; medium; brown; juicy, melting and buttery; of the highest flavor. Ripening September and October.  
**Sheldon.** Vigorous growth; large; russet and red; melting, rich, delicious; very good. Ripening October.  
**Wilder.** Greenish, yellow with brownish red cheek. Early August.  
**Winter Nellis.** Free growth; medium; russet; melting, rich. Ripening December and January. Each \$2.00.

**Worden Seckel.** Fruit medium size, borne in clusters; juicy, buttery, fine-grained. October.

## Quinces

- 3 to 4 ft., each \$1.50, doz. \$15.00.**  
**Bourgaet.** Color, rich golden, and quality extra good. Extra large.  
**Champion.** A vigorous and productive variety. Ripening very late.  
**Orange.** Large, roundish; bright golden yellow; very productive.  
**Rea, or Rea's Mammoth.** A very large and fine variety of the Orange Quince.

## Nut Trees

- English Walnuts.** 3-4 ft., each \$1.50.  
**Black Walnuts.** 4-6 ft., each \$1.50.  
**Butternut.** 6-8 ft., each \$1.50.

## Planting Table

	Feet Apart
Apple standard	35 to 50
Apple dwarf	12 to 20
Cherry	20 to 30
Peach	18 to 25
Pear standard	20 to 30
Pear dwarf	10 to 15
Plum	15 to 25

## SMALL FRUITS

Small fruits in small quantities may be sent by parcel post to points in New England on receipt of postage as follows:

**Blackberries and Raspberries.**

10c. per doz.

**Currants, Grape Vines and Gooseberries,** 1 to 3 plants, 10c.; 4 to 6, 15c.; 7 to 12, 20c.

### BLACKBERRIES

Each 10c., doz. \$1.00, 100 \$6.00.

**Eldorado.** Extra fine, very hardy; large, sweet berry.

**Rathbun.** Extra large and productive.

**Snyder.** Medium size; very fine. Medium.

### BLACKBERRIES—TRANSPLANTED

Each 20c., doz. \$1.50, 100 \$10.00.

**Rathbun. Snyder.**

### CURRENTS

Each 35c., doz. \$3.50, 100 \$20.00, except where noted.

**Cherry.** Large, red, popular sort.

**Fay's Prolific.** Largest and finest red.

**Perfection.** Color red; larger than Fay and Cherry.

Each 40c., doz. \$4.50, 100 \$30.00.

**White Grape.**

### GOOSEBERRIES

Each 50c., doz. \$5.00.

**Pearl.** Prolific sort; free from mildew. The fruit is large; light green and fine quality.

**Downing.** Whitish green, prolific.

### RASPBERRIES

Each 10c., doz. \$1.00, 100 \$6.00, except where noted.

**Columbian.** Purple; very large. Each 20c., doz. \$2.00.

**Cuthbert.** Medium to large, red, sweet.

**Marlboro.** Popular red sort. Early and hardy.

**Golden Queen.** Large, yellow and firm; fine quality.

**Gregg.** Large, black cap, great bearer.

**Herbert.** Very large berry and a heavy cropper. Extremely hardy. Each 15c., doz. \$1.50, 100 \$8.00.

**ST. REGIS.** The everbearing red; fine quality.

Each 15c., doz. \$1.50, 100 \$8.00.

### RASPBERRIES—TRANSPLANTED

Each 20c., doz. \$1.50, 100 \$10.00.

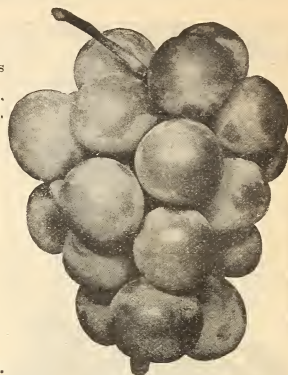
**Cumberland, Cuthbert, Gregg, Marlboro.**

### LA FRANCE RASPBERRY

Each 60c., doz. \$5.00, 100 \$40.00.

The individual berries are round and of giant size, in liberal quantity; firm textured, but juicy; in flavor as good as the best, and fully up to the promise of its aroma.

La France has won certificates of merit and silver medals from various horticultural societies of the Eastern States where it has been exhibited.



Red Giant Grape

## GRAPE VINES

**RED GIANT.** The New Cultivated Wild Grape. This new variety possesses the characteristics which make the wild Grape so cherished for preserving, etc. The bunches are of medium size, compact, with very large berries of a vinous flavor. The color is a reddish green.

**One-year vines,** each \$1.50, doz. \$15.00; **two-year vines,** each \$2.00, doz. \$20.00.

**Caco.** Red and amber overlaid with a beautiful bloom. Rich sugary flavor; a vigorous grower.

**Hubbard.** New. Berries and bunch large; sweet and delicious. Ripens before Concord.

Each, 1 yr., \$1.00; 2 yr., \$1.50.

### Standard Kinds

**2-year,** each 50c., doz. \$5.00, 100 \$35.00, except where noted.

#### BLACK

**Concord.** Large, always reliable. Medium.

**Campbell's Early.** Very large berry and clusters, rich flavor and very sweet. Each 75c.

**Moore's Early.** Large, fine quality. Early.

**Worden.** Large, excellent quality. Early.

#### RED

**Brighton.** Large, best quality.

Early.

**Catawba.** Sweet and rich, with pleasant musky flavor.

**Delaware.** Small, delicious. Late.

#### WHITE

**Green Mountain.** One of the best.

Early. Each 75c.

**Moore's Diamond.** Large, excellent. Early.

**Niagara.** Large and productive. Medium.

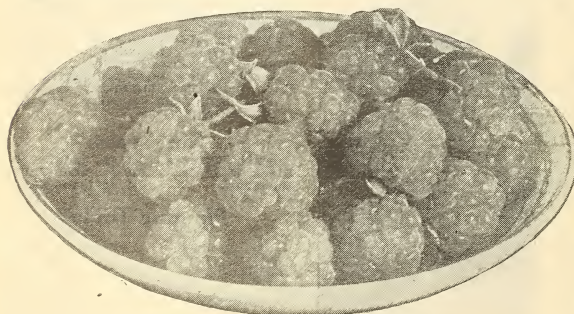
### Extra Heavy 3-yr. Grape Vines

Each 75c., doz. \$8.00.

**Brighton, Concord, Delaware,**

**Moore's Diamond, Moore's Early,**

**Niagara, Worden.**



La France—The Giant Everbearing Raspberry



## STRAWBERRY PLANTS

Strawberries do best in rich, fairly moist soil, and may be successfully grown in any soil adapted to ordinary garden crops. The ground should be well prepared by ploughing at least 15 inches deep, and properly enriched. Where the Winters are severe it is advisable to cover the plants with a mulch of coarse straw or similar material about 2 inches deep, providing it is free from weed seeds. This should be done immediately after the first freeze. In the Spring, as soon as all danger of cold weather is past, this mulch may be removed from the tops of the plants and placed around them. This will help to check the evaporation of water from the soil, help keep down the weeds and keep the berries clean.

### STANDARD VARIETIES

Price, \$2.00 per 100, \$15.00 per 1000.

We recommend shipping Strawberry plants by parcel post. Add 15c. per 100 and 30c. per 1000 for mailing.

#### EARLY

**Arabine.** Extra large bright red fruit.

**Campbell's Early.** A splendid grower, producing large crops of rich red berries of high quality.

**Early Ozark.** One of the most productive of the early varieties. Produces large dark red berries of rather acid flavor.

**Excelsior.** An old standard. Fruit is medium size, dark in color, firm enough to ship. The flavor is quite tart, but is liked by some for canning and for syrup.

**Senator Dunlap.** A safe sort to plant anywhere. Rampant runner, should be restricted in its production of plants; succeeds under all circumstances. Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality, one of the best for canning. Long season.

**Texas.** Ripens from four to six days later than Excelsior; of good size and flavor. Its color is dark red.

#### MIDSEASON

**Abington.** A strong growing native variety. The fruit is of large size, bright red in color, very solid and of excellent flavor.

**Brandywine.** Famous among commercial growers for its quality as a shipper. Color blood red; round; yields very large crops of finest quality berries.

**Glen Mary.** An excellent berry for quality, large size and productiveness. Usually the last berries picked are as large as the first. The color, which is a deep glossy crimson, is very attractive. The fruit is firm and solid and of excellent flavor; broad, heart-shaped, sometimes widening at the tip.

**Golden Gate.** This variety is a particularly strong grower and very heavily rooted, bearing large stems and thick foliage. The flower stems are quite erect, producing large, strong blossoms, making an exceptional sort for planting with the pistillate sorts for pollinizing. Fruit is a rich crimson, rarely showing green tips.



Marshall

**Marshall.** Undoubtedly an excellent berry for home use and one of the best as an exhibition berry. The fruit is extra large and rarely misshapen. The color is one greatly admired, being a rich, glossy crimson, with this deep color running nearly to the center, while the quality is unexcelled.

**Sample.** The plants are large, strong and healthy, and are seldom damaged by frosts. The berries are dark colored and uniform in size. It is the only imperfect berry we have to offer and should be planted with perfect flowering varieties.

**William Belt.** An "all-season" variety, fruiting from early to quite late. Very popular on account of its extreme high quality, and the fact that it does well on a great variety of soils.

#### LATE

**Belmont.** One of the standard varieties and always reliable, and without exception the berry whose flavor has not been excelled. Fruit is of medium size, firm and heavy. Color a deep rich red, shading light at center. As to its keeping qualities it is without doubt the best.

**Commonwealth.** A berry of Massachusetts origin and one which has a long fruiting season; it is probably as large as any berry at the present time and fully as productive. Its color is that dark crimson so much admired and unexcelled for its fine flavor and juiciness. Plants are particularly strong in growth.

**Gandy.** A very late variety yielding tremendous crops of bright red berries with a somewhat smooth surface. The berries which are borne on long, upright stems, well above the leaves and dirt, are of the best quality. The best paying late berry. It requires a heavy rich soil.

#### FALL-BEARING VARIETIES

Price, \$3.00 per 100

**PROGRESSIVE.** The Progressive is one of the most perpetual, producing good picking for approximately four months when weather is favorable. Berries of medium size, dark red inside and out. Blossoms are strongly staminate.

**SUPERB.** The fruit of this excellent variety is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest Fall Strawberry. The berries are of exceedingly uniform size and shape and a rich blood red from outside to center.

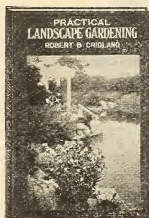
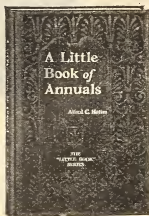
NOTE—The Strawberry plants offered on this page are layer plants, and are ready for shipment from about April 20th until June 1st. POT GROWN Strawberry plants will be ready for delivery about Aug. 1st, at \$6.00 per 100 for standard varieties, and \$7.00 per 100 for Fall bearing varieties.



Brandywine

# Popular Agricultural Books

Only the best books in their respective fields are listed here, books that we can recommend without reserve. They are worthy of a place on your bookshelf. Read and profit by them.



**COMMERCIAL FLORICULTURE.** Bahr. The writer of this practical manual for the retail grower needs no introduction from us as he has been bringing his excellent ideas before florists for a considerable period and all will welcome this splendid edition, which brings together in one volume the results of his practical experience. Written in a friendly style, the many plants, shrubs, trees, and vines are discussed—which varieties to grow and which to avoid, and how to make the best use of those selected—things every man ought to know, but so comparatively few of us do know. Get acquainted with it; it will repay you quickly. **Postpaid, \$5.00.**

**GARDEN GUIDE (Amateur Gardener's Handbook).** Fourth edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages. **Postpaid, cloth, \$1.65; paper, \$1.10.**

**HOME FRUIT GROWER.** Kains. A clear, simple, practical and comprehensive volume for the amateur who seeks to grow fruits for home needs. The most approved methods of tillage, spraying, thinning, fertilizing, and pruning for maximum production are discussed. Freely illustrated with teaching pictures. **Postpaid, cloth, \$1.65; paper, \$1.10.**

**HOW TO GROW ROSES.** Pyle. From practical experience the author tells of the details of soils, planting, fertilizing, mulching, winter protection and the pruning of Roses. Many colored plates as well as black and white illustrations. **Postpaid, \$1.65.**

**LAWN MAKING.** Barron. A practical guide to the making and upkeep of a lawn; it will answer many of the queries that arise with home owners. 160 pages, illustrated. **Postpaid, \$1.90.**

**LITTLE BOOK OF ANNUALS.** Hottes. A thoroughly reliable guide for the amateur who grows flowers for the love of them. A handsome, freely illustrated book of 128 pages that will appeal to a host of our customers as it is the best thing along this line that has come to our attention. **Postpaid, cloth, \$1.65; paper, \$1.10.**

**LITTLE BOOK OF PERENNIALS.** Hottes. 170 pages devoted to a discussion of the most important and useful perennials, giving valuable information relative to description, culture, and requirements that every flower lover should know. Well illustrated, making an interesting and instructive book for professional and amateur. **Postpaid, cloth, \$1.65; paper, \$1.10.**

**LITTLE PRUNING BOOK.** Rockwell. A handy little book of over 40 pages, packed full of sound pruning sense. "An intimate guide to the sure growing of better fruits and flowers." Answers most of the questions commonly put as to how, when and what to prune from fruits, shrubs, and Roses. **Postpaid, 50c.**

**MANUAL OF FRUIT DISEASES.** Hesler and Whetzel. This splendid work has been prepared to give the facts and data relative to the common diseases of fruits and is an excellent book for reference. Certainly should be on the shelf of every modern agriculturist, farmer and fruit grower. It is of value to everyone interested in the production of fruit commercially or otherwise. 462 pages, freely illustrated. **Postpaid, \$3.15.**

**MANUAL OF FRUIT INSECTS.** Slingerland and Crosby. A practical account of the principal insects which attack fruits, including the enemies of the Apple, Pear, Peach, Plum, bush fruits, Grapes, Strawberries and Cranberries. The life history of each is given, its injuries described and recommendations made as to the means of control, primarily from the standpoint of the commercial grower. A chapter on insecticides details the more important facts pertaining to their composition and use. 503 pages, well illustrated. **Postpaid, \$3.50.**

**MILADY'S HOUSE PLANTS.** Palmer. The care of house plants is simply explained and with the aid of this book, success is assured. Instructions for potting, watering, and arrangement of plants are given, and illustrated. **Postpaid, cloth, \$1.10, paper, 85c.**

**PRACTICAL LANDSCAPE GARDENING.** Cridland. Its practical advice relative to the location of the modest home and details concerning almost every problem confronting the home builder and owner make this one of the very best books on the subject. We recommend it to anyone requiring advice on the proper layout of his grounds, as the many illustrations, sketches, plans and planting keys make the task easy. 266 pages, 6x8 in. **Postpaid, \$2.65.**

**PRINCIPLES OF FLORICULTURE.** White. This 467-page book contains much practical information concerning the general principles of flower growing, that will prove of great value to commercial florists. Included are discussions of buildings, heating and management of greenhouses, soils, propagation, diseases and marketing. **Postpaid, \$3.40.**

**PRODUCTIVE POULTRY HUSBANDRY.** Lewis. There is no problem in any phase of poultry raising that is not thoroughly and clearly treated in this popular book of 574 pages, and illustrated in such a way as to be of interest and value to every man, woman or youngster with five or more chickens. Be sure to get this veritable encyclopedia. **Postpaid, \$2.65.**

**PRODUCTIVE SMALL FRUIT CULTURE.** Sears (Prof. of Pomology, Mass. Agricultural College). The discussion of the growing, harvesting, and marketing of Strawberries, Raspberries, Blackberries, Currants, Gooseberries and Grapes pay. 368 pages with 196 illustrations. **Postpaid, \$2.65.**

**VEGETABLE GARDENING.** Watts. A valuable handbook for practical growers; treats of soils, fertilizers, construction of hot-houses, coldframes, crops, insect enemies and diseases, marketing, etc. 525 pages. **Postpaid, \$2.65.**



# TREE SPRAYERS

## "Pomona" Spray Pump

The Best Pump for Three Men to Operate, One Pumping and Two Spraying

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure, and giving smooth operation. The lever can be adjusted for a 3, 4 or 5-in. stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator operated by the pump lever, is very effective.

**Pump with Agitator and Hose Couplings**, (without hose or nozzle), \$21.50.

**Extras.** One lead 15 ft.  $\frac{3}{4}$ -in. discharge hose, coupled, with Mistry Jr. nozzle, \$4.50; mounting on barrel as shown, \$9.00. Couplings only, 30c. each;  $\frac{1}{2}$ -in. hose bands, 5c. pair.

## The "Fruitall"

The Best Pump for Two Men to Operate, One Pumping, one Spraying

The Fruitall is extremely simple in design, of smaller capacity and lighter in weight than the Pomona. It will supply two leads of hose and two nozzles. All working parts, as in the Pomona, are of bronze. The air chamber is large. The lever is long, making it easy to operate the pump and produce high pressure. The plunger is packed from the outside, so it is not necessary to take the entire pump apart to repack it. A wing agitator is used, similar to that used with the Pomona. The pump is fitted for mounting on the end of the barrel only, where it is held in place by an adjustable clamp which fits over the end of a stove. It is also anchored to the bottom of the barrel.

**Pump with Agitator and Hose Couplings** (without hose or nozzle), \$12.00.

**Extras.** One lead 15 ft.  $\frac{3}{4}$ -in. discharge hose, coupled, with Mistry Jr. nozzle, \$4.50; mounting as shown, \$9.00; couplings only, 30c. each;  $\frac{1}{2}$ -in. hose bands, 5c. pair.

## The "Gardener's Choice" Sprayer

This is one of the most convenient spraying outfits for general use. It is particularly adapted for the garden, greenhouse and orchard, as well as for spraying livestock in the barn. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. Pump has 1 $\frac{1}{2}$ -in. brass cylinder, brass ball valves with brass seat and cage, brass plunger and our special plunger packing. The lever is six to one, can be worked against a pressure of 125 lbs. Agitator: Twin paddle type; stirs the liquid thoroughly. Tank and Cart: 24-gallon wood tank with steel hoops and hinged wood top. Leg, tongue and handle of wrought pipe. 24-in. metal wheels, with staggered spokes and 2-in. tires. Special axle of wrought iron pipe held by long through bolts. Hub-to-hub measurement, 33 in. Height to top of tank, 30 in. 6 ft. of  $\frac{1}{2}$ -in. "Deco" discharge hose and "Bordeaux" nozzle are furnished. Shipping weight, including cart, when crated, is about 120 lbs. \$47.50.

**AUTO SPRAY No. 40D.** A handy sprayer for handling whitewash, cold water paint and all insecticides. Every country place should have one. It has a 12-gallon galvanized tank equipped with a displacement type pump with graphite packing. All the working parts are adjustable from the outside. The  $\frac{1}{2}$ -in. plunger is brass with a 3 to 5-

inch stroke as wanted. Brass ball valves. Generates 150 to 175 lbs. pressure per square inch. The suction pipe is fitted with a brass strainer. The agitator is operated from the handle. A wide flange on the top of the tank prevents slopping over. Wheels 20 inches in diameter, making wheeling easy over uneven ground. Has 5 ft.  $\frac{3}{4}$ -in. hose, lever shut-off and a clog-proof nozzle. Shipping weight 75 lbs. Each \$30.00.

**Bamboo Extension Rod.** This consists of an 5 ft. metal tube inserted in a bamboo rod. It is strongly reinforced where the shut-off is attached to the tube to prevent breakage when dragging the hose. The tube is  $\frac{1}{2}$ -in. inside diameter, and is fitted with a leadless stopcock with  $\frac{1}{4}$ -in. female pipe thread. The other end of extension is fitted for brass coupling,  $\frac{1}{4}$ -in. male pipe thread to fit the nozzle. Each \$7.50.

**Iron Extension Pipe** made of  $\frac{1}{2}$ -in. galvanized iron pipe, 8 ft. lengths, fitted with stopcock. Each \$3.50. Per extra ft. 25c. Sectional, 3 pieces each 82 in. long, without shut-off. \$1.50.

## Insecticide Spray Nozzles

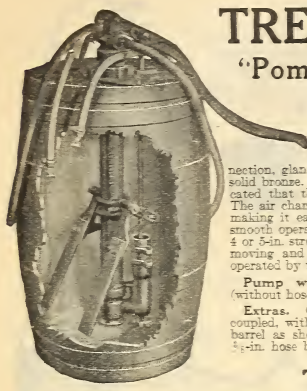
**Bordeaux.** Brass. The best, all-around nozzle made. Throws a fine, medium or coarse spray, or can be shut off altogether. Easily disassembled. \$1.50.

**Friend.** A highly recommended nozzle. Brass with fine or coarse iron discs. Angle, or straight. \$1.50.

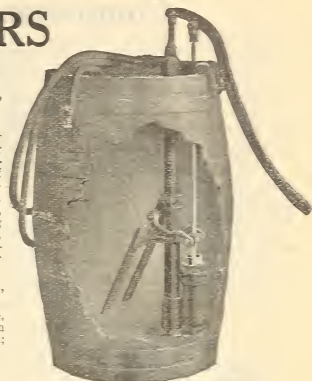
**Mistry Jr.** A splendid brass nozzle with coarse and fine removable steel discs. Will cover a wide area with a perfect mist. \$1.35.

**Vermorel.** One spray. \$1.25; three spray. \$1.75.

**Demorel.** Like above, but lighter. One spray 85c.



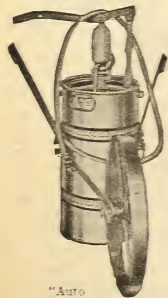
Pomona Spray Pump



The Fruitall



The "Gardener's Choice" Sprayer



"Auto Spray" No. 40D

## Compressed Air Sprayers

**"AUTO SPRAY" NO. 1.** A strong, simple sprayer for garden and truck crops. Two pumpings will discharge the contents of the 3½-gal. tank of galvanized, or heavy sheet brass. (We strongly recommend the brass as it will not corrode with strong solutions). The brass pump is within the tank, protected from injury. Made without screws or bolts. Requires no tools to take it apart. A half-turn of the handle closes the filler opening. Equipped with an automatic shutoff (the Auto Pop), a clog-proof nozzle, 2 ft. ½-in. extra quality rubber hose, and shoulder strap. Full instructions, illustrated repair list and spray calendar free with each. Galvanized steel, \$7.00; Brass, \$10.00.

**EXTRA PARTS.** Auto Spray Nozzle. Does not clog. 60c.  
Auto Pop and Auto Spray Nozzle. Simply closing the hand operates the lever that opens the valve. Closes automatically on releasing. \$1.50, with hose and fittings, \$2.00.

Brass Extension Pipe. 2 ft. 60c.  
Brass Strainer for filling tank, \$1.25.

Elbow Extension. Brass, used in connection with the extension pipe for spraying low growing vines, like Cucumbers, 35c.

Set of Soft Parts, including rubber gasket, check valve, leather plunger cup, nozzle and connection washers, 25c., postpaid.

**"AUTO SPRAY" NO. 12.** A popular and convenient size of compressed air sprayer that can be carried and operated with one hand. Equipped with an Auto Spray nozzle and an extension that can be turned to any desired angle. Holds 1½ gals. Galvanized, \$5.25; Brass \$8.00.

### FOUNTAIN COMPRESSED AIR SPRAYER.

Simple in construction. The tank, holding 3 gallons will stand five times the pressure necessary to operate. The pump is outside the tank and detachable, although it is seldom necessary to remove it. All working parts are brass. The automatic shutoff is directly under the grip handle. Fill by removing the filler plug in one of the convex heads. One charge is sufficient to expel its entire contents. 3 ft. ¾-in. 3-ply tubing with spray nozzle for small tree and shrub spraying, attachment for under spraying, funnel for filling, and shoulder strap supplied with each. Especially valuable for greenhouse work. Galvanized steel, \$6.50 each; brass, \$9.50 each.

**EXTRA PARTS.** Hose Attachment with Nozzle. Complete, \$1.00.  
Brass Extension Rods. 2 ft. 60c. Nozzles, 35c. Spray Crooks, 75c.  
Strainers for filling, 25c.



Strainer for Auto Spray



Auto Spray Nozzle

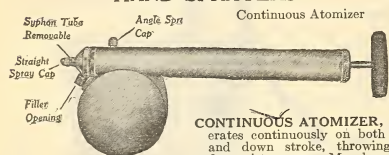


Elbow Extension



"Auto Spray" No. 12

## HAND SPRAYERS



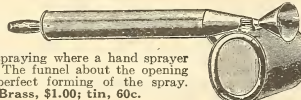
Continuous Atomizer

**CONTINUOUS ATOMIZER.** operates continuously on both up and down stroke, throwing a fine, misty spray. May be used for all solutions and insecticides, a special nozzle permits the spraying on the underside of leaves.

1 qt. galvanized, \$1.25; brass, \$1.50; 2 qt. galvanized, \$1.50; brass, \$1.75.

### CYCLONE.

Made of heavy metal; suitable for all kinds of spraying where a hand sprayer is practical. The funnel about the opening insures the perfect forming of the spray. Holds 1 qt. Brass, \$1.00; tin, 60c.

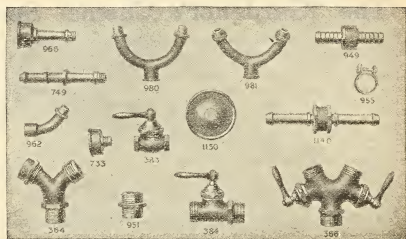


"DUSTALL" POWDER GUN.

Simple and effective. Light and durable. Spreads dry powder perfectly. Nicely finished. Any Mason jar fits it. Each 90c.  
**FEENEY DUSTER.** A "little wonder" for handling dry insecticides. Simple of construction and easy to work. Tin, nicely japanned. See illustration on next page, \$1.25.

**MIDGET.** Used more particularly in houses for applying germicides and disinfectants. Efficient and popular. Holds 1 pt. Tin 35c.

## SPRAYING ACCESSORIES



<b>Fig. No.</b>	<b>Postpaid price</b>
966 Combination Coupling. Female end, standard ½-in. hose thread; male end, ¼-in. iron pipe thread for nozzles.....	\$0.55
749 Nozzle Coupling and Hose Stock. For either ¾- or ½-in. hose as wanted. Fits all ¼-in. nozzles.....	.30
962 Under Spraying Angle Attachment. Similar to 980, pipe thread. Male end fits all standard nozzles.....	.65
980 Double Spraying Attachment. Iron pipe threads for standard nozzles.....	.80
981 Double Spray Angle Attachment. Similar to 980, guides spray.....	.90
1150 Rubber Drip Shield. Prevents unpleasant drip from extension rods.....	.30
1140 "Sure-Grip" Hose Couplings. For ½-in. hose.....	1.00
955 Hose Bands. Galvanized, ¾- or ½-in., each 3c.; doz.....	3.00
949 Hose Coupling. Brass. ¾- or ½-in., each 30c.; doz.....	3.00
364 "Y," Brass. Without clog, cap on one end. Double thread on ½-in. hose, single end for ¾-in. iron pipe.....	1.00
733 Short Combination Coupling. Like 966, but shorter.....	.30
383 Leakless Stop Cock. Ball valves. ¼-in. iron pipe thread on both ends. For extension rods.....	1.65
951 Hose Nipples. Brass, for ¼-in. male pipe and ½-in. male hose thread.....	.45
384 Leakless Stop Cock. Ball valves. ¼-in. iron pipe thread on one end, other has ½-in. male hose thread.....	2.45
366 Leakless Double Discharge Stop Cock. Ball valves, sure shutoff. Single end, ¾-in. pipe; double end, ½-in. male hose thread.....	3.75

**NOTE:** We strongly recommend the purchase of brass sprayers in every instance as they will not corrode with strong solutions and will last indefinitely.



# BUCKET PUMPS

**STANDARD SPRAY PUMP.** A popular all brass, direct acting force pump of merit for fruit trees, small fruits, potatoes and whitewashing. Nozzle No. 1 and No. 2 used together throw a stream of spray 25 feet. Nozzle No. 2 throws a straight, round stream 40 to 50 feet. Nozzle No. 3 or "Mist" nozzle throws a very fine spray especially adapted for spraying vineyards, truck crops, bushes, young trees, spraying whitewash, and for destroying vermin on stock. There are literally hundreds of uses for this powerful, all-around sprayer.

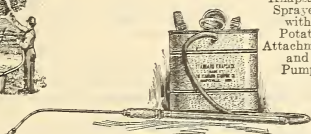


Excellent for spraying young trees.

The Knapsack is a 5-gal. tank of heavy galvanized iron with carrying straps, brass strainer in filler can ready for attaching to the pump. The Potato Attachment is valuable to spray the under side of the foliage without stooping or working in an uncomfortable position.

Pump with  $3\frac{1}{2}$  ft. hose and full set nozzles, each.....\$6.00  
Knapsack, \$4.50, Potato Attachment.. 1.00

Showing  
Knapsack  
Sprayer  
with  
Potato  
Attachment  
and  
Pump



These combined white-wash and spray pumps are valuable also for fire protection, the Bordeaux nozzle throwing a straight stream if desired. Success at left, Perfect Success at right



**PERFECT SUCCESS.** Without doubt the most popular bucket pump on the market. All working parts are brass. Nothing to rust or corrode. Malleable iron adjustable foot rest. The Bordeaux nozzle, the best combination nozzle on earth, and 3 ft.  $\frac{3}{8}$  in. hose are furnished. Mailing weight, 11 lbs. \$9.50.  
Extra hose at 20c. per ft.

**"SUCCESS."** Identical with the Perfect Success except that the foot rest is without the bucket clamp. Will last a lifetime.....\$8.50

## BELLOWS, DUSTERS AND FUMIGATORS

### BELLWASONS.

**Woodason's Double Cone Powder.** For dusting plants with dry powders for insects and fungus. This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden, orchard or field.....\$6.50

**Woodason's Single Cone.** Large size..... 4.50  
Small size (for conservatory and home use)..... 3.00

### DUSTERS.

**"American Beauty."** Used by many fruit growers and market gardeners with great satisfaction. Light, compact, and highly recommended for distributing every kind of dry insecticide. Simple in construction. A true labor-saver..... 27.50

**B-D Sifter.** A practical, simple and economical device for dusting dry insecticides to all plants requiring a top application..... .75

**Champion.** For applying any dry powder such as Paris Green, Helbore, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste..... 18.00

**Dickey.** An excellent article for using Bug Death, Slug Shot, etc..... .50

**"Dust All."** See opposite page for an illustration..... .90

**Feeney Duster.** Efficient, inexpensive and practical for applying all kinds of dry insecticides within or outside the house..... 1.25

### FUMIGATORS.

**Defiance.** For vaporizing Nicot-Fume or other liquid insecticides. Has a tin cup for the liquid. No glass about the lamp to be broken. Burns kerosene..... .75

**Eureka and Perfection.** Perfection contains a water tank; this tank being between the fire and the outside body, it prevents the body from burning out.

	Perfection	Eureka
No. 1 holds 1 pk. stems.....	\$6.50	\$3.00
No. 2 holds $\frac{1}{2}$ bus. stems.....		4.00
No. 3 holds $\frac{3}{4}$ bus. stems.....		5.00

## SYRINGES

**Brass Syringes.** All our syringes are brass, highly polished and lacquered and made with the best workmanship possible.

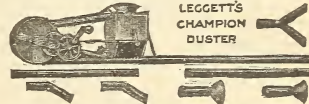
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|-----|---|--------|
| A.  | Barrel 12 in. long, 1 spray and 1 stream jet.....   | \$3.00 |
| 2.  | Barrel 13½ in. long, 1 stream, 1 coarse and 1 fine spray.....   | 5.00   |
| 10. | Barrel 15 in. long, 1 coarse and 1 fine spray, rose and stream jet with patent valves, elbow joint..... | 7.50   |
| G.  | Barrel 16 in. long, 1 spray rose and 1 stream jet and elbow joint.....                                  | 5.25   |
| H.  | Barrel 16 in. long, sheet brass, 1 fixed spray rose.....  | 3.25   |
| 11. | Same as No. 10 without valve or elbow joint.....  | 6.00   |



B-D Sifter



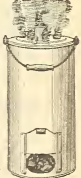
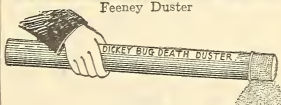
Woodason's Bellows for Powder and Fluid



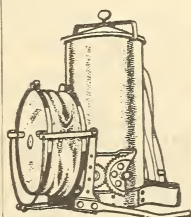
LEGGETT'S  
CHAMPION  
DUSTER



Feeney Duster



Perfection  
Fumigator



American Beauty Duster



Brass Syringes

# INSECTICIDES AND FUNGICIDES

## For Insect Pests and Fungous Growths

Liquids and Poisons marked (\*) are not mailable. Other Insecticides and Fungicides may be sent at Parcel Post rates if you remit the Postage with your order.



**Affected with Apple Scab**  
The timely use of lime-sulphur solution would have prevented this.

**NOTE:** All prices are subject to change without notice.



**Cottony Maple Scale**

A dilute application of Kerosene Emulsion during June and July will prove effective.

We show these illustrations through the courtesy of the Denning Co., makers of **Gardener's Choice Sprayers**, and Bowker Insecticide Co. makers of **Pyrox**, the triple duty spray.



**Work of the Codling Moth Worm**  
Band your trees early with Tree Tanglefoot, and use Asenate of Lead as a calyx spray.

These and other diseases of fruits and ornamentals may be controlled if spraying is properly done in season with proper outfits and with correct spray mixtures. For a splendid discussion of Plant Diseases and Insect Pests we can recommend **The Manual of Fruit Diseases** and **The Manual of Fruit Insects**, a description of which with prices may be found on page 130 of this catalog.

**ANT DESTROYER.** For tennis courts, lawns and gardens. Place as much powder as will lay on a dime on each ant hill daily until free from the pests.  $\frac{1}{4}$  lb. 30c.,  $\frac{1}{2}$  lb. 45c., 5 lbs. \$3.00.

**\*ANTI-CROW CORN OIL.** A non-poisonous oil for protecting newly planted Corn from crows and blackbirds. Corn treated with this oil will run through a seeder better than win treated with tar. **Ft. 35c., qt. 60c., gal. \$1.50.**

**APHIS.** Black, green or red on plants outside can readily be disposed of by **Black Leaf 40**, **Fish Oil Soap**, **Nikoteen**, or **Plant Lice Killer**. In the conservatory, or greenhouse, **Aphe's Gishurst's Compound**, **Nicotine Paper** or **Liquid**, **Nicotine Fumigator**, **Thrip Juice** and **Fumigating Tobacco Dust** are effective. For plants in dwellings we recommend **Lemon Oil** and **Sulpho-Tobacco Soap**.

**\*APHINE.** Effective against all soft-bodied and plant-sucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. An excellent cleanser for house plants.

**Gill 25c.,  $\frac{1}{2}$  pt. 40c., qt. 65c., qt. \$1.00, gal. \$3.00.**  
**\*ARBO.** An excellent combination fungicide and insecticide for general use on vegetables and fruits, except the Peach and Japanese Plum. Sticks like glue. Ready for use by mixing one pound with five gallons cold water.

**Lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**  
**\*ARSENATE OF LEAD, PASTE.** Kills all leaf-eating insects like potato bugs, rose bugs, fruit tree worms, gypsy and brown-tail moths, caterpillars, elm leaf beetles, etc., and sticks like paint to the leaves. It is easy to apply, and won't injure the most tender foliage. Dilute two even teaspoons to each gallon of water. **Lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.40, 25 lbs. \$5.25, 50 lbs. \$9.50, 100 lbs. \$15.00, 300 lbs. \$41.25.**

**\*ARSENATE OF LEAD, DRY.** Has all the advantages of the paste form, but goes twice as far and is easier to handle. Use one pound to 25 gallons of water. Can be applied like Paris Green with powder guns. Rapidly gaining in favor.  $\frac{1}{2}$  lb. 30c., lb. 50c., 5 lbs. \$2.10, 10 lbs. \$3.75, 25 lbs. \$7.75, 50 lbs. \$14.50, 100 lbs. \$26.00.

**\*"BLACK LEAF 40"** (Sulphate of Nicotine). Highly recommended for destroying aphids, thrips, etc., without injury to foliage. Perfectly soluble in water; no clogging of nozzles. **Oz. 35c.,  $\frac{1}{2}$  lb. \$1.25, makes 50 gals., 2 lbs. \$3.50, 10 lbs. \$13.50.**

**\*BORDEAUX MIXTURE, LIQUID** (Hammond's). Very effective in preventing and checking all fungous diseases, such as potato rot, potato blight, rust, mildew and diseases of grape.

**Qt. 60c., gal. \$2.00, 5 gals. \$6.75.**  
**\*BORDEAUX MIXTURE, DRY** (Hammond's). Can be used dry or with water.

**Lb. 45c., 5 lbs. \$1.75, 10 lbs. \$3.50.**

**BUG DEATH.** A non-poisonous powder, sure death to potato, squash and cucumber bugs, currant and tomato worms; safe to handle. Apply dry or in water. **Lb., sister top, 20c., 3 lbs. 50c., 5 lbs. 70c., 12  $\frac{1}{2}$  lbs. \$1.50, 100 lbs. \$9.20.**

**\*COW COMFORT.** Protects cattle and horses from the fly pest. A sure preventive, perfectly harmless, easily applied. Its use on milch cows insures against a shrinkage of Summer milk. Is applied best by spraying.  
**Qt. 50c., gal. \$1.50, 5 gals. \$6.75. Sprayer, 60c.**

**\*CREOSOTE MIXTURE** (Cabot's). Recommended by the Massachusetts Gypsy Moth Commission. Is sure death to the eggs of the gypsy moth, tussock moth, and similar insects. **Qt. 45c., gal. \$1.10, 5 gals. \$4.25.** Brushes for applying, \$1.25, poles extra.

**\*CUT WORM KILLER** (Key Brand). Produces quick results. The most effective remedy against cut worms and slugs. It is so alluring to cut worms that they are attracted to it in place of any vegetation. One pound sufficient for 100 plants in hills or 75 in drills. **Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$5.00.**

**FISH OIL SOAP** (Key Brand). A very effective and simple preparation for destroying many sucking insects on trees, shrubs and vines. Essential as a spreader for nicotine sprays. One pound makes 8 to 10 gallons. **Lb. 30c., 5 lbs. \$1.25.**

**\*FORMALDEHYDE.** A very efficient destroyer of disease germs affecting both animal and plant life. To treat seed potatoes affected with scab dilute one pound to 30 gallons of water, using 1 to 2 gallons to each bushel of seed.

**Lb.-bottle 50c. (Unmailable).**

**\*FUNGINE.** Especially effective against rust on Antirrhinum and Celery. Equally efficient under glass and out of doors. A sulphur composition which contains no sediment and does not stain the foliage. Dilute one gallon to 50 gallons.

**Qt. \$1.00, gal. \$3.00.**

**GISHURST'S COMPOUND** (Imported). For destroying red spider, mealy bug, scale, thrips, etc.

**Ex 50c.**

**GRAPE DUST.** Very efficient in destroying mildews and preventing blights on Roses and Grapes either in greenhouses or in the open.

**Lb. 30c., 5 lbs. \$1.00.**

**HE-BO.** A substitute for Hellebore. Dust on vegetation affected with rose slugs, currant worms, cabbage worms, etc.

$\frac{1}{2}$  lb. 20c., 10 lbs. 35c.

**HELLEBORE.** Effective dry or mixed with water for worms on currants, gooseberries, etc., where a violent poison like Paris Green or Arsenate of Lead is objectionable.

$\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 45c.



## INSECTICIDES AND FUNGICIDES—Continued

**"TMP" SOAP SPRAY.** The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, the rhododendron fly, rose bug and other insect pests on fruit, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon makes 12 gallons.  
Qt. 80c., gal. \$2.50, 5 gals. \$10.00, 10 gals. \$18.50.

**\*KEROSENE EMULSION.** An old reliable remedy for use against many soft bodied and sucking insects like plant lice, scale, mealy bug, etc. Kills by contact.  
Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.50.

**LAWN SAND, CLIMAX.** Adheres to the rough hairy leaves of Dandelions, Plantains and other noxious weeds in lawns and destroys them. Also acts as a fertilizer.  $\frac{3}{4}$  lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.

**\*LEMON OIL.** The cheapest and one of the most effective insecticides for cleaning palms, ferns and rubber plants of scale, mealy bug, spider, thrips, black and green fly, mites, ants and mildew. Splendid for use on pet animals for fleas, skin diseases and mange.  $\frac{1}{2}$  pt. 35c., pt. 60c., qt. \$1.00,  $\frac{1}{2}$  gal. \$1.75, gal. \$3.00, 5 gals. \$12.00.

**LIME SULPHUR, DAY.** Sherwin-Williams. Thoroughly effective against the same insect pests as the liquid. Dissolves readily and completely. No danger of freezing in transit and shipping expense is cut. Use 8 to 10 tablespoons to each gallon, or 10 to 14 lbs. to 50 gallons of water as a dormant spray. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.30, 25 lbs. \$4.25, 50 lbs. \$7.50, 100 lbs. \$13.00, 200 lbs. \$24.00.

**\*LIME SULPHUR SOLUTION** (Bowker's Concentrated). A valuable and effective spray or wash for San José scale, bark lice and many fungi that winter on the bark of trees. Dissolves in cold water and apply while the trees are dormant. Qt. 50c., gal. 90c., 5 gals. \$3.50, 25- and 50-gal. bbls., ask for price.

**MAGGOTS** in gardens can be destroyed by soaking the ground, planted or otherwise, with Vermine.

**\*MELROSINE.** Kills the troublesome rose bug and other insects by contact. Highly recommended. Pleasant and harmless to use. Dilute with from 20 to 50 parts of water and apply as a fine mist. Directions on the can.  
Pt. \$1.00, qt. \$1.75,  $\frac{1}{2}$  gal. \$3.25, gal. \$6.00.

**\*NICO-FUME LIQUID.** A highly refined solution, containing 40 per cent. free nicotine, for spraying as a remedy for aphids, thrips, black and white fly. May be used for vaporizing.  
 $\frac{1}{4}$  lb. 75c., lb. \$2.25, 4 lbs. \$8.00, 8 lbs. \$15.00.

**NICO-FUME PAPER.** The paper is saturated with a solution containing not less than 20 per cent. of nicotine. A most effective mode of fumigation for conservatories and greenhouses, having no odor in the flowers. Tight can of 24 sheets \$1.25, 144 sheets \$5.50, 288 sheets \$10.00.

**\*NICOTINE FUMIGATOR** (Hall's). An improved way of fumigating greenhouses at a low cost with the least bother. The 1 1/2 per cent. nicotine powder lights quickly and burns readily.  
Lb. \$1.25, 2 1/2 lbs. \$2.50, 10 lbs. \$8.50.

**\*NIKOTHEEN.** One of the most efficient insecticides with which to combat the black and white fly. Particularly effective for aphids on Sweet Peas, Roses and Nasturtiums; 50 per cent. nicotine. Bottles of 1 1/2 ozs. 50c.

**\*NO-SCAB.** Never plant Potatoes without first treating them with No-Scab.  
 $\frac{1}{2}$  lb. bottles 50c., lb. bottles 75c.

Spraying is cheap crop insurance against disease.

**\*PARIS GREEN.** More extensively used than any other poison. Purest of all brands.  
 $\frac{1}{4}$  lb. 18c.,  $\frac{1}{2}$  lb. 30c., lb. 55c.

**\*PLANT LICE KILLER.** Kills aphids. Dilute 1 part to 15 parts water.  
Pt. 30c., qt. 50c.

**\*PYROX, BOWKER'S.** The one best spray for Apples, Potatoes and general purposes against leaf-eating insects and fungous diseases. A most popular combined insecticide and fungicide that sticks to foliage like paint in spite of heavy rains. Mix with cold water and it is ready to use. Lb. 50c., 5 lbs. \$1.90, 10 lbs. \$3.25, 25 lbs. \$6.75, 50 lbs. \$12.00, 100 lbs. \$18.75, 300 lbs. \$52.50.

**\*SCALEDIE.** Sure death to the San José scale. A soluble petroleum spray for use in orchards when the trees are dormant. It is economical, effective and acts also as a fungicide. Qt. 80c., gal. \$1.45, 5 gals. \$6.25, 10 gals. \$10.60, 30 gals. \$26.00, 50 gals. \$38.00.

**SLUG SHOT.** A light, fine powder, easily distributed either by duster, bellows, or mixed with water. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, flea, slug, snails, etc. Lb. 50c., 25c., 5 lbs. 60c., 25 lbs. \$3.00.

**SULPHO-TOBACCO SOAP.** Very convenient. Kills insects infesting plant and animal life.  
3-oz. pkg. 12c.,  $\frac{1}{2}$  lb. 25c., postpaid.

**SULPHUR.** Prevents mildew on grape vines, roses, etc. Lb. 10c., 5 lbs. 35c., 25 lbs. \$1.50, 50 lbs. \$2.75.

**\*THRIP JUICE NO. 2.** Very effective in destroying thrips on Grapes, aphids, red spider, mealy bug, soft scale and other sucking insects. Dilute with from 16 to 40 parts water.  
Qt. \$1.25, gal. \$3.75.

**TOBACCO DUST.** Valuable as an insecticide and fertilizer. Excellent for dusting off Cucumbers and Squashes to keep off the beetles. Deserves more general use. Dusting. Lb. 10c., 5 lbs. 35c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00,  $\frac{1}{4}$  ton \$19.50. Burning. 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50,  $\frac{1}{4}$  ton \$20.75.

**TOBACCO STEMS.** For fumigating. Valuable as a mulch for Rose beds and Sweet Peas.  
25 lbs. \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.50.

**TREE HEALING PAINT** (Cabe's). This "Friend of the Forester" protects wounds and cuts from vermin, fungus and weather. Dries quickly.  
Gal. \$1.00, 5 gals. \$3.75.

**TREE TANGLEFOOT.** A safeguard for trees, shrubs, etc. against the greyish moth and canker worm. It should be applied before the foliage appears, a continuous band, 2 inches wide and 1 1/2 to 3 inches in thickness, around the trunk of the tree 3 or 4 feet from the ground.  
Lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.25, 20 lbs. \$10.00.

**\*VERMINE.** Apply to planted soil infested with maggots, grubs, worms, or root-like using one part to 400 parts of water. Use twice as strong on unplanted soil. Will rid pot plants of angle and eel worms. Does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil.  
Gill 25c.,  $\frac{1}{4}$  pt. 40c., pt. 85c., qt. \$1.00, gal. \$3.00.

**\*WEED EXTERMINATOR—"HERBICIDE."** The original chemical weed killer, especially valuable for destroying undesirable vegetation of all kinds, particularly in roadways, paths, gutters, and tennis courts. Dilute liquid with 40 parts of water.  
Qt. 70c., gal. \$2.00, 5 gals. \$8.00.

**\*WEED KILLER, CLIMAX.** Tin No. 2, makes 100 gallons liquid, \$3.00; tin No. 1, makes 25 gallons liquid, \$1.50.

**WHALE OIL SOAP.** See Fish Oil Soap.

It is our aim to carry only such Insecticides as we can confidently recommend.



# FERTILIZERS

FOR LAWNS AND MEADOWS,  
FARM, GARDEN AND GREENHOUSE USE

All Prices are F. O. B. Boston and subject to change without notice.

The Secret of Successful Gardening attested by quick, luxuriant growth, rich color, splendid size and an abundant harvest of tender, highly-flavored vegetables that command the highest market prices, lies greatly in the free use of high grade fertilizers. The successful gardener replaces the plant elements each year that have been removed from the soil by the previous crop. "Feed the crop little and often" is safe advice, bearing in mind that dressings can be profitably applied throughout the growing season. Modern science has taken the guesswork out of fertilizer mixtures and you can count on the kinds we carry to bring results, but one should not expect fertilizer to replace thorough cultivation, for it is money poorly expended to apply them to sour, wet, half-baked land, or to soil half plowed or poorly prepared. Never permit seed to come in direct contact with the fertilizer.

## BOWKER BRANDS

### LAWN AND GARDEN DRESSING

If you want a thick, velvety lawn with a luxuriant growth of grass, or a garden where vegetables grow quickly, and are tender and sweet, use this superior chemical dressing. It is clean to handle and practically odorless. It is not unsightly as is stable manure and, best of all, it gives results. Use 10 lbs. for every 1,000 square feet of lawn and double the quantity for gardens. It is good for flower beds too. Try it!

10 lbs. 80c., 25 lbs. \$1.10, 50 lbs. \$2.00, 100 lbs. \$3.50

### POTATO AND VEGETABLE PHOSPHATE

An excellent complete fertilizer for Potatoes and other root crops where a quick, strong growth is essential. Splendid for small fruits and garden truck. Apply 100 lbs. to every 4,000 sq. ft. Analysis: Ammonia, 2 per cent.; phosphoric acid, 8 per cent.; potash, 3 per cent.

50 lbs. \$1.75, 100 lbs. \$3.00,  $\frac{1}{2}$  ton \$13.00,  
 $\frac{1}{2}$  ton \$24.75, ton \$47.25.

### ACID PHOSPHATE

For top dressing and mixing with other fertilizers. Use on grain crops and others requiring an excessive amount of phosphoric acid.

100 lbs. \$2.25,  $\frac{1}{2}$  ton \$9.00,  $\frac{1}{2}$  ton \$17.00, ton \$32.00.

### FINELY GROUND PURE BONE MEAL

A splendid general purpose fertilizer.

Mixed with hardwood ashes in equal parts and applied at the rate of 1,000 lbs. per acre, it will give marvelous returns on grass land. The bone supplies slowly available nitrogen and phosphoric acid, while the wood ashes are rich in potash and lime. The lime is especially desirable for sweetening soils where blue grass lawn seed mixtures are to be sown, for blue grass thrives best where the soil is sweet. Double the quantity when applying the mixture as a top dressing to cultivated crops.

5 lbs. 35c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00,  
 $\frac{1}{2}$  ton \$13.50,  $\frac{1}{2}$  ton \$26.00, ton \$50.00.

### FINE GROUND BONE TANKAGE

6 to 7 per cent. ammonia, 30 to 35 per cent. bone phosphate; equal to 13.75 to 16 per cent. phosphoric acid.

100 lbs. \$3.25,  $\frac{1}{2}$  ton \$15.00,  $\frac{1}{2}$  ton \$29.00, ton \$56.00.

### ALL ROUND FERTILIZER

A Complete Manure for All Crops. An unsurpassed general purpose brand that we confidently recommend as an unequalled crop producer. Especially suitable on tomatoes for Beets, Carrots, Strawberries, Tomatoes and Sweet Corn. Apply about 100 lbs. per 4,000 sq. ft. Analysis:—Ammonia 3 per cent.; phosphoric acid 8 per cent.; potash 4 per cent.

50 lbs. \$1.75, 100 lbs. \$3.00,  $\frac{1}{2}$  ton \$14.25,  
 $\frac{1}{2}$  ton \$27.50, ton \$33.00.

### MARKET GARDEN MANURE

A splendid brand suitable for all truck crops with or without stable manure. Quick to start, lasting and sure as to results. Highly recommended. Use 600 to 1,000 lbs. per acre, according to the crop need. Analysis: Ammonia, 4 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent.

100 lbs. \$3.50,  $\frac{1}{2}$  ton \$15.50,  $\frac{1}{2}$  ton \$30.00, ton \$58.00.

### STOCKBRIDGE EARLY CROP MANURE

Rich in potash, it is a splendid dressing for all truck and vegetable crops, and particularly Potatoes. Having a generous supply also of nitrogen and phosphoric acid we can recommend it for Asparagus, Cabbage, Onions and Spinach. Use 1,000 lbs. per acre. Analysis: Ammonia, 5 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent.

100 lbs. \$3.75,  $\frac{1}{2}$  ton \$17.50,  $\frac{1}{2}$  ton \$33.75, ton \$65.50.

### CRACKED BONE

For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more.

5 lbs. 50c., 25 lbs. \$1.50, 100 lbs. \$5.00,  $\frac{1}{2}$  ton \$21.50,  
 $\frac{1}{2}$  ton \$41.75, ton price on application.

### CANADA UNLEACHED HARDWOOD ASHES

Our unleached hardwood ashes are rich in lime and potash, and if used as a top-dressing for lawns, meadows and pastures at the rate of  $\frac{1}{2}$  to 1 ton per acre, the grass will attain a vigorous growth of a rich dark green. If mixed with bonemeal they will provide an unusually fine dressing for all kinds of truck and farm crops as well as for orchards and small fruits. They also destroy many insects injurious to grass roots. Analysis: 3 to 5 per cent. potash.

100 lbs. \$2.00,  $\frac{1}{2}$  ton \$9.50,  $\frac{1}{2}$  ton \$18.00, ton \$34.00.

## "WIZARD BRAND" NATURAL MANURES

**PULVERIZED SHEEP MANURE.** The best, most convenient and economical natural manure. Safe for all particular uses, such as golf course, country club and park lawns, market gardens, etc., in which the introduction of weeds and foreign grasses would be extremely objectionable. If you really want the greenest kind of a velvety lawn and gardens that will be a delight to possess, flowers of rare foliage and bloom, fruits, vegetables and berries that come near to perfection, give your soil a good dressing of Wizard Brand Sheep Manure the first thing this Spring. It does not fill your lawn with noxious weeds; it is always ready and clean to use, also easy to apply. As a top-dressing for lawns broadcast, about 25 lbs. per 2,000 sq. ft., or 1 ton per acre. Analysis: 10 lbs. 30c., 25 lbs. 60c., 50 lbs. \$1.00, 100 lbs. \$1.75, 100 lbs. \$3.00,  $\frac{1}{2}$  ton \$14.00,  $\frac{1}{2}$  ton \$26.00, ton \$50.00.



**SHREDDED CATTLE MANURE.** A coarse, shredded manure, dried and sterilized; a splendid substitute for stable manure in gardens and greenhouses or wherever it is desirable to supply plantable for compost, mulching and top dressing. Splendid for Roses, ferns or where a cool slow acting manure is wanted.

Price of either, only bags of 100 lbs. \$2.80,  $\frac{1}{2}$  ton \$12.75,  $\frac{1}{2}$  ton \$23.50, ton \$45.00.

**PULVERIZED CATTLE MANURE.** A finely ground pure natural manure, especially recommended for mixing with soil for potting all kinds of flowers and bulbs. Particularly fine for top dressing lawns, perennial beds, vegetable and flower gardens.



## FERTILIZERS

All prices are F. O. B. Boston and  
subject to Market Variations.

## PREMIER PULVERIZED POULTRY MANURE

For years this very valuable natural manure has been neglected, but now we are able to offer it in substantially the same form as the popular pulverized sheep manure, and we predict that it will soon take its place as a leading fertilizer for the home gardener, the truck farmer and the florist. Carefully collected, screened and heat treated, it contains large amounts of available nitrogen, bone phosphate of lime, and potash without objectionable odors or live weed seeds that will cause trouble. Use it freely on the lawn, in the garden and as a mulch in the greenhouse for Roses, Carnations, etc., but in slightly less amounts than either the other natural manures because of its high nitrogen content. 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.25,  $\frac{1}{4}$  ton \$15.00,  $\frac{1}{2}$  ton \$28.00, ton \$55.00.

## DRIED BLOOD

Used to a great extent as a top dressing to produce quick growth, especially adapted to greenhouse use. 12 per cent. ammonia.

25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

Prices on larger quantities on application.

## MURIATE OF POTASH

The most economical form of potash and the most generally used in farm practice. 48 per cent.

25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50.

Prices on larger quantities on application.

## NITRATE OF SODA

15 to 16 per cent. nitrogen. Equal to 18 to 19 per cent. ammonia. Break up the lumps before using. Apply in the home garden as a solution once to two gallons. For Asparagus use 250 lbs. per acre when growth starts. For Strawberries top dress with 100 lbs. per acre just after blossoming. For other crops use 100 lbs. per acre when the plants are well established.

Lb. 15c., 5 lbs. 50c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00. Prices on larger quantities on application.

## SULPHATE OF AMMONIA

Valued for its nitrogen content. Dissolve a tablespoonful to 3 gallons of water.

20 per cent. nitrogen; 24 to 25 per cent. ammonia. 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00. Prices on larger quantities on application.

## IMPORTED FERTILIZERS

## CLAY'S FERTILIZER

Highly recommended by the leading horticulturists in the cultivation of fruits, flowers and vegetables for exhibition. Most productive and economical fertilizer for all horticultural purposes.

Original bags of 7 lbs. \$1.25, 14 lbs. \$2.25, 28 lbs. \$4.00, 56 lbs. \$7.50, 112 lbs. \$14.00.

## SOOT, IMPORTED SCOTCH

Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot. As a fertilizer it promotes growth and improves color of foliage and flower.

Original bags, about 135 lbs. each, 7c. per lb.

## THOMSON'S

## SPECIAL CHRYSANTHEMUM MANURE

Very powerful; especially suitable for 'Mums and similar plants. Use as an additional stimulant during the growing season—a heaped dessert spoonful for a 10-in. pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season.

14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.



## LIMESTONE — PLASTER — SALT

**LAND LIMESTONE.** The use of lime to "sweeten soil" is an old practice and is still popular, for lime is essential to plant life, a corrective for improper mechanical conditions and gives direct results through increased crop production. (Clovers and Alfalfas cannot be grown on sour soil.) Although not a fertilizer, it acts indirectly on plant food in the soil, unlocking what otherwise would not be available. Limestone is not caustic and may be used with safety at any season. 2,000 to 6,000 lbs. per acre should be used on heavy soils, 1,000 to 3,000 lbs. to the acre on sandy soils. *Packed in strong cotton bags.* 10 lbs. 25c., 100 lbs. \$1.25,  $\frac{1}{4}$  ton \$5.50,  $\frac{1}{2}$  ton \$9.75, ton \$17.50. In lots of three tons or over, \$15.00 per ton.

**LAND PLASTER.** Excellent for composting and fertilizing; is also used for preventing bugs from destroying Cucumber, Melon and Squash vines. Renders poultry houses more sanitary if sprinkled on the dropping boards and traps ammonia that might otherwise be lost. 5 lbs. 20c., 25 lbs. 60c., 100 lbs. \$1.75,  $\frac{1}{4}$  ton \$6.00,  $\frac{1}{2}$  ton \$11.00, ton \$20.00.

**AGRICULTURAL SALT.** Used for top-dressing Asparagus beds. About one-half ton is required for the acre, which should be applied as early as possible in the Spring. Bag about 140 lbs. \$2.25.

## PLANT FOOD FOR HOUSE PLANTS

**BOWKER'S PLANT FOOD.** Dissolve two table-spoons in one gallon of water. Apply once a week for four weeks at the start and then less often. Clean and odorless. Large package, 12 oz. 35c., postpaid.

**FERTIFLORA.** A favorite liquid fertilizer for potted plants. No stronger solution can be safely used. Bottle 40c. (Unmailable.)



**STIM-U-PLANT.** An all-the-year powerful and odorless fertilizer for every plant that grows. Packages of highly concentrated tablets, each neatly wrapped in paraffined paper for protection. A trial will convince of its merit. 10 tablets 30c., 70 tablets 75c., postpaid.

## POTTING MATERIALS

**CHARCOAL.** Coarse and fine. For general use in pottling plants to keep the soil sweet. 2 lbs. 15c., 10 lbs. 60c.

**LEAFMOLD.** Very essential for growing plants.  $\frac{1}{2}$  pk. 30c., pk. 60c., bus. \$1.75, bag \$3.25.

**ORCHID PEAT, or FERN ROOT.** Used when pottling orchids. Bbl. \$3.50, bus. \$1.50.

**POTTING SOIL.** Light and sufficiently rich for all kinds of pot plants.

$\frac{1}{2}$  pk. 25c., pk. 40c., bus. \$1.25, bbl. \$3.00.

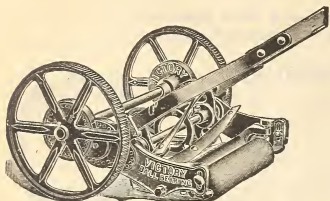
**ROTTED FIBROUS PEAT.** This has become thoroughly rotted and is invaluable for pottling plants.

$\frac{1}{2}$  pk. 30c., pk. 50c., bus. \$1.75, bbl. \$4.00.

**SILVER SAND.** For mixing with pottling soil and for propagating. Pk. 50c., bus. \$1.50.

**SPHAGNUM MOSS.** We can furnish at almost any time of year freshly gathered or dry.

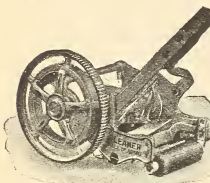
Pk. 40c., bus. \$1.50, bag \$3.00, large bales \$9.50.



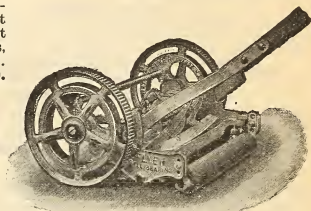
# LAWN MOWERS

**TOWNSEND'S "VICTORY."** Ball bearing. The best light construction lawn mower on the market. Hundreds of users are enthusiastic over it. While the Victory is especially recommended for cutting fine lawns, its long wheelbase adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel,  $5\frac{1}{2}$ -in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in. **\$18.50**, 16 in. **\$20.25**, 18 in. **\$22.00**, 20 in. **\$23.75**.

**TOWNSEND'S "FLYER."** Ball bearing. This gem of lawn mower construction is so built as to give a ball bearing mower at a very low price, that we can conscientiously sell and guarantee. It is the strongest, lightest running mower of its class. Has a 9-in. wheel,  $5\frac{1}{2}$ -in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in. **\$13.00**, 16 in. **\$14.00**, 18 in. **\$15.00**.

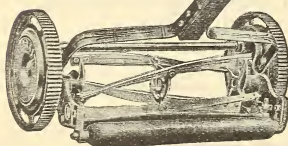


**TOWNSEND'S "GLEENER."** For trimming and finishing lawns. An excellent ball bearing machine that we do not hesitate to recommend for finishing and trimming fine lawns and borders. A saving of time and easier than trimming by hand, producing better results. Strong, light and durable, will cut within  $\frac{1}{4}$  of an inch of wall or fence; especially adapted for narrow borders around flower beds, shrubbery and hedges. Wheels 9 in. in diameter; reel  $5\frac{1}{2}$  in., 4 blades, lower blade made of crucible steel, tempered. Finished in gilt and heliotrope wheels. 8 in. **\$10.00**, 10 in. **\$11.00**, 12 in. **\$12.00**.



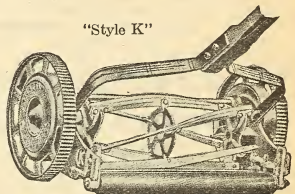
**PHILADELPHIA "STYLE K" ROLLER BEARING.** Meets the demand for a high-grade lawn mower, with roller bearings, that combines strength with ease of operation. Parks and cemeteries use quantities of them. It is also exceedingly popular with the man who likes to cut his own lawn. 5 blades, 10 in.-wheels,  $6\frac{1}{2}$ -in. cylinder. Single pinion; geared on both sides. A splendid general purpose machine for hard knocks. 14 in. **\$20.75**, 16 in. **\$22.75**, 18 in. **\$24.75**, 20 in. **\$26.75**.

"University"



**"UNIVERSITY."** A genuine Philadelphia mower that will positively give service and satisfaction. A popular model of the plain bearing type with part open 9-in. drive wheels that combine strength with lightness. It has a  $5\frac{1}{2}$ -in. cylinder of 4 blades of Vanadium crucible steel. Like the style "K" it is of the single pinion type, geared on both sides. 14 in. **\$13.00**, 16 in. **\$14.00**, 18 in. **\$15.00**.

"Style K"



**PHILADELPHIA "GOLF."** The mower "par excellence" for putting greens and all fine work. Extra strong construction that will stand up under constant hard use. Self-oiling oil cups run 5 hours without refilling. Plain bearings. 10-in. wheels,  $7\frac{1}{2}$ -in. cylinder of 6 blades. Double ratchet. Cuts close and clean. 15 in. **\$34.00**, 17 in. **\$38.00**, 19 in. **\$42.00**. If wanted with 8 blades, add **\$1.50** each.

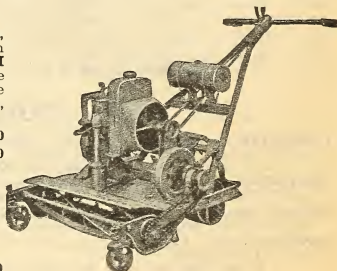
## COLDWELL MOTOR LAWN MOWERS

To meet the various and increasing demands from private estates, golf courses, and public grounds these three popular models have been built. Each is fully covered by the Coldwell guarantee. **Models H and G** have specially designed, hopper-cooled, 4-cycle engines. They are indispensable on lawns of from 1 to 10 acres. The rollers alone may be used if desired. Illustrated catalog on request. All f.o.b. Newburgh, N. Y.

**MODEL H**, 30-in. cut. .... **\$400.00**

**MODEL G**, 35-in. cut. .... **450.00**

**MODEL L.** A practical, motor-driven, hand-controlled lawn mower for every owner of one acre of lawn or over. Adapted for use on private lawns, parks, cemeteries and public grounds where fine cutting is wanted.  $3\frac{1}{2}$  h.p. Fuller and Johnson motor, capable of cutting six acres per day at a normal speed of  $2\frac{1}{2}$  miles per hour. Full width 8 in. diameter drive roller, 25-in. cut, 6-in. reel, with 5 blades. Weight 335 lbs., crated for shipment, 400 lbs, f. o. b. Newburgh. **\$25.00**





## LAWN REQUISITES

**EDGING KNIVES, American Socket.** With 4 ft. handle. Each. \$1.50  
**GRASS CATCHERS, E. Z. Emptying.** Galvanized bottom, canvas sides and beak. 16 in. fits mowers of 12 to 16 in. cut. 2.50  
 20 in. fits mowers of 18 to 22 in. cut. 2.75

### GRASS HOOKS OR SICKLES.

**Lawn King.** A high grade hook, well and favorably known, hollow ground and full polished with the best of steel. .75  
**Little Giant.** Adjustable. Really a three-in-one tool as it makes an excellent grass hook, corn hook and corn knife. .75  
**Village Blacksmith.** Light and strong. The trowel shank is a real knuckle-saver. .75

**OIL FOR LUBRICATING LAWN MOWERS, ETC.** ½ pt. (each can an oiler in itself), 20c., gal. 1.00

### RAKES.

**Bamboo Litter.** Fan shape, 18 in. spread, light wood handle, 5 ft. over all. Nothing better for removing light litter. Doz. \$18.00. 1.75  
**Corn Dandelion.** Flat, blade-like teeth that clip off all the buds and blossoms of Dandelions. The self-cleaning attachment combs the teeth clean. 16 in. \$3.00, 24 in. 4.00

**Reversible Wire.** Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass, and walks. 24 teeth. 1.00  
**Wood.** Three steel bows, bent handle. 24 teeth. Doz. \$10.80. 1.00

### WATER-WEIGHT LAWN ROLLERS.

Heavy or light as desired by changing the amount of water. Roller bearings. The rounding edges will not cut into the lawn. None better. Do not allow to freeze when filled.

No.	Diam. Inches	Length Inches	Sec-tions	Weight Empty	Weight Filled With Water
3	14	24	1	20 lbs.	148 lbs.
5	18	24	1	76 lbs.	274 lbs.
7	24	24	1	95 lbs.	418 lbs.
9	24	32	1	116 lbs.	575 lbs.

**SHEARS.** Make lawn trimming easy. A positive necessity on large estates.

Edging, or Border				Surface Cutting			
Without Wheel	With Wheel	Without Wheel	With 2 Wheels	Without Wheel	With Wheel	Without Wheel	With 2 Wheels
Size	Each	Size	Each	Size	Each	Size	Each
8 in.	\$3.75	8 in.	\$4.50	8 in.	\$3.75	8 in.	\$4.75
9 in.	4.00	9 in.	4.75	9 in.	4.00	9 in.	5.00
10 in.	4.25	10 in.	5.00	10 in.	4.25	10 in.	5.25

### GRASS OR SHEEP SHEARS.

**Challenge.** Trowel shank. Best steel. Full polished, 5½ in. blade 1.00  
**Goodwin Clipper.** A shear of merit operated on a new principle as the blades work flat while the fingers press upwards; handy and serviceable. 1.75  
**Lightning.** Trowel shank. Black handles. 1.40  
**SOD CUTTER AND LIFTER.** English. 4 ft. D. handle. Best quality steel. 8.00

### LAWN SPRINKLERS.

**Baby Fountain, or Ring Sprinkler.** About one-half the size of the regular Fountain Sprinkler. .75  
**California.** Has four arms. Stands 12 in. high. A favorite. 2.50  
**Colorado.** Most attractive. Runs easily, even with low pressure. Stands 20½ in. high. 3.00  
**Export.** The showiest sprinklers. Wire baskets can be attached for catching the ball. Height 44 in. 14.00  
**Fountain, or Ring Sprinkler.** Made of heavy brass. 1.15  
**Garden City.** Essentially a Blake sprinkler on a standard of steel that can readily be moved about. No. 1, 13 inches high. 1.00  
 No. 2, 26 inches high. 1.40  
**Little Wonder.** The best cheap sprinkler. Stick into the sod. .35  
**Mayflower.** 3-arm, 9 in. high. Ball bearing. Brass head, iron stem. Revolves under slight pressure. 1.75  
**Putting Green Sprinkler for ¾-in. hose,** height 48 in., and is made up of wide malleable iron sled. Has arms that can be inclined at any angle. 9.00  
**Turbine.** With Blake sprinkler head. See also page 142. 1.25  
**Water Fan.** Automatic oscillating action, thoroughly soaking a rectangular area. Efficient and economical. 16.00  
 No. 5, length 21 in., weight 5 lbs.

### WEED KILLERS.

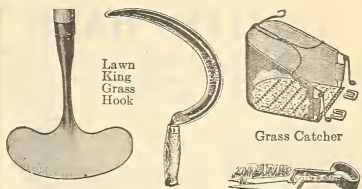
**Climax Lawn Sand and Climax Weed Killer.** See page 135  
**Erado.** By this cane-like tool a killing solution like gasoline is dropped on the root which prevents the weed from springing up again. Iron. \$1.25. Brass. 1.75  
**Kilm Weed Eradicator.** The charges fit inside the tool. You simply push the point lightly into the weed, the pressure raises the slide and allows just a pinch of powder to fall on the cut portion. See also page 151. 3.00  
**Weedite.** Extra charges for the "Kilm Weed". 4.00

### WEED PULLERS.

**German Automatic Lawn Weeder.** The best thing of its kind we have seen. Easy and positive in action. Eliminates back-breaking effort but gets the weeds, *erics them out*, with only a slight toe pressure. Weighs but 2½ lbs. Strong and durable. 1.75  
**COMBINED TRUCK, Hand Cart, Leaf Rack, Barrel and Sprinkler Attachment.** Its numerous uses, its "handiness" and immense amount of time and hard labor saved by its use make it almost indispensable. See page 151.

**Barrel, Hand Cart, Box, Leaf Rack and all easily attached to truck.** Truck with 2½ in. tire. \$16.50; Box for Cart. 6.50

**LEAF RACK FOR WHEELBARROW.** The new device for collecting weeds and litter which fits on any wheelbarrow. 8.50



Edging Knife

Grass Catcher

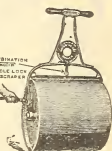
Challenge Grass Shears



Goodwin Clipper Shear  
 "It's a good one!"



Little Wonder Lawn Sprinkler



Water Weight Roller

Edging and Border Shears



Mayflower Lawn Sprinkler



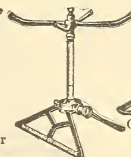
Garden City Sprinkler



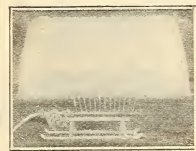
Fountain or Ring Sprinkler



Putting Green Sprinkler

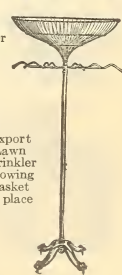


Colorado Lawn Sprinkler



Water Fan Sprinkler

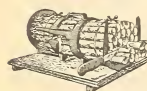
Export Lawn Sprinkler showing basket in place



## QUALITY HAND TOOLS AND SUNDRIES

The prices in this catalog are necessarily those in effect at the time its several pages go to press and are as correct as possible, but are subject to change without notice. We cannot guarantee them for an entire season, but our customers may be assured that they will always be found as reasonable as consistent with dependable merchandise.

We will mail any of the following that we can, provided postage is remitted with order. See Parcel Post Rates on third cover page.



Philadelphia Asparagus Buncher



Asbestos Torch



Plant Basket



Dibble



Asparagus Knife



Excelsior Carnation Support



Hanging Wire Basket



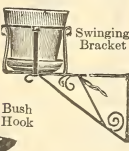
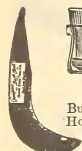
French Bell Glasses



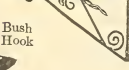
Iron Bouquet Holders



Glass Bouquet Holders



Swinging Bracket



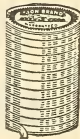
Cut Flower Box



Rustic Basket



Berry Box Holder



Celery Tape



Celery Bleacher



Corn Popper

**ASBESTOS TORCH.** Attach to any pole. Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects. . . . \$0.50

**ASPARAGUS BUNCHER, PHILADELPHIA.** P.P. Wt. 8 lbs. . . . 4.75

No. 1. Without knife. Makes bunches 3 to 3½ in. diameter. . . . 4.20

**ASPARAGUS KNIVES, Granite State.** (1 lb.) Each 40c., doz. . . . 4.20

**ASPARAGUS TAPE, Red or blue,** in spools of 1000 yds. each. Wt. 4 lbs. per spool. Makes bunches very attractive for the best trade. . . . 4.00

**BAMBOO CANES,** natural or green dyed. See Stakes, page 149.

**BASKETS.**

For Pansy and other Bedding Plants. Marston Style to fit 6 per bushel box, wood handles, tin fastenings, 9x8x3½ in. 100 . . . \$2.75, 1000 . . . 25.00

For Tomato Plants, etc. 3-qt. standard, iron handles. 100 . . . \$3.75, 1000 . . . 35.00

**Rustic Hanging Baskets.** Strongly made from natural roots. 15 in. \$4.00, 12 in. \$2.50, 10 in. \$1.75, 9 in. . . . 1.50

**Wire Hanging.** Round bottom. Line with moss before using. P. P. Wt. 4 lbs. each. . . . 1.50

Size Each Doz. Size Each Doz.

6 in. . . . \$0.25 \$2.80 10 in. . . . \$0.50 \$5.30

7 in. . . . .30 3.30 11 in. . . . .50 5.40

8 in. . . . .35 3.80 12 in. . . . .55 6.00

9 in. . . . .45 4.50 14 in. . . . .70 7.80

**BEAN POLES.** Cedar. Per 100 \$10.00, doz. . . . 1.50

**BELL GLASSES.** For protecting all kinds of early vegetables or flowers out of doors. One of these Bell Glasses placed over them is in effect a miniature greenhouse, and will protect them at least from the frost. Unavailable. Each \$3.00, doz. . . . 33.00

**BELLOWS.** See page 133.

**BERRY BOX HOLDER.** Saves half the time and all the berries. Holds one or more boxes tightly. The picker can use both hands as the tape about the waist keeps the holder in place. Pint size 45c., qt. size . . . . 1.50

**BOUQUET HOLDERS.** For cemetery use.

Galvanized. Japanned green. Cone shaped. 4½ in. diameter at top, 9 in. deep. P.P. Wt. 1 lb. each. Doz. \$2.40, each. . . . .25

Glass. Clear, strong and serviceable. 10 inches over all. 4½ in. diameter, bowl 7 in. deep. P.P. Wt. 5 lbs. each. Doz. \$5.00, each. . . . .50

Iron. Tulip shaped. Painted green. P.P. Wt. 4 lbs. each. No. 4. Each 50c., doz. . . . 5.40

No. 5. Each 60c., doz. \$6.60; No. 6. Each 70c., doz. . . . 7.80

Tin. Japanned green. 4½ in. diameter, 10 in. over all. P.P. Wt. 1 lb. each. Doz. \$1.80, each. . . . .20

**BOXES for Cut Flowers.** We keep the following sizes in stock; others can be furnished at short notice. Lid cover.

No. Length Width Depth Doz. 100 No. Length Width Depth Doz. 100

2 21 in. 5 in. 3½ in. \$1.15 \$7.00 6 24 in. 8 in. 5½ in. \$1.50 \$10.00

3 24 in. 5 in. 3½ in. 1.25 8.00 7 28 in. 8 in. 5½ in. 1.75 12.00

4 18 in. 5 in. 3½ in. 1.00 6.50 8 36 in. 8 in. 5½ in. 2.00 15.00

**BRACKETS for Flower Pots.** See page 145.

**BROOMS.** Corn and rattan mixed, for stable or greenhouse use. . . . 1.25

**BRUSHES.** Caterpillar. Fibre. Each. . . . .25

For applying Creosote to destroy eggs of the gypsy moth. The end is bored to fit over the end of a pole. Each. . . . 1.25

**BURLAP.** For putting around trees to trap gypsy moths. 40 in. wide, per piece of 100 yds., 12c. per yd., per single yd. 14c.; 10 in. wide, 100 yds. \$4.00; per single yd. . . . .05

**BURNING BRAND.** For marking tools, etc. Six one-half inch letters or less \$5.00; each additional letter. . . . .50

**BUSH HOOK.** A handy tool for use with a bush scythe snath for removing second growth. P.P. Wt. 4 lbs. . . . 1.00

Snaths. . . . 1.90

**CARNATION STAPLES.** Pkg. of 3000, \$1.35; per 1000. . . . .50

**CARNATION SUPPORTS.**

Excelsior. Made of galvanized wire, strong and durable. In two sizes. The two lengths make a complete plant support. 20 in., 1000 \$22.50; 100 \$2.75; 13 in., 1000 \$18.00; 100 . . . 2.25

**CELERY BLEACHER.** A heavy, waterproof paper; quicker and better than boards for bleaching. Leaves no taste or odor. Rolls 100 ft. long, 12 in. wide, including 25 48-in. wires per roll \$3.75, 10 rolls . . . . 35.00

Additional 48-in. wires for single rows. 100 \$1.90, 1000. . . . 17.00

**CIDER PRESSES.** See page 147.

**CORN POPPERS.** Strong and well made. 3 lbs. Holds 2 qts. . . . 40

**COTTON WADDING.** For florists' use. In large sheets. Doz. . . . 90

**COAL.** See Lehman Heater, page 141.

**DIBBLE.** For transplanting plants. Steel points, wood handles. Large, P.P. Wt. 2 lbs. . . . .70

Ladies' Size. . . . .60



## SUNDRIES—Continued

- DUSTERS.** For insecticides. See page 133. Price
- EDGING KNIVES, or Turf Edgers.**  
American Socket. With 4 ft. handle. Each.....\$1.50
- FIBRE WARE.** See page 145.

## FLORAL TOOLS.

- Boy's Sets.** Real tools, not toys. Forged shovel, rake and hoe. Handles about 3 ft..... 2.25
- Children's or Ladies' Sets.** Heart-shaped hoe, rake and trowel. Handles, 16 in. long. Good value. P. P. Wt. 3 lbs..... .85

## FLOWER POTS and STANDS. See page 145.

## FORKS.

- Garden Spading.** Malleable, 3 times. P. P. Wt. 1 lb..... .20
- Gem Hand Spading.** Best quality, hand forged, 3 times (1 lb.)..... .50
- Manure.** Malleable iron D handle, strap ferrule, 6 times..... 2.50
- 5 times, \$2.25; 4 times..... 1.75
- Long handles, same price. Wood D handles, add 25c. each..... 1.50
- Potato Diggers.** 6 heavy round times \$1.50; 5 heavy round times..... 3.00
- Spading.** Wood D handle, strap ferrule, 4 times, \$2.00; 5 times..... 2.75
- Malleable iron D handle, strap ferrule, 4 times, \$2.00; 5 times..... 2.75
- Boys'.** Malleable iron D handle, plain ferrule..... 1.25

## FRUIT PICKERS.

- Common.** Heavy galvanized wire. Very popular. Attach to any pole and save your fruit. P. P. Wt. 1 lb..... .55

- FRUIT TREE GUARDS.** Protect your young fruit trees from Winter injury by rabbits, mice, etc. Rust-proof,  $\frac{1}{4}$  in. mesh, 6-in. diameter, 18 in. high. Doz. \$3.00, 100 \$21.00, each..... .30
- 4-in. diameter, 15 in. high. Doz. \$1.80, 100 \$12.00, each..... .20

## FUMIGATORS. See page 133.

## GARDEN BORDERS.

- Cyclone.** Affords ample protection for lawn edges, borders and flower-beds against trespassers, dogs and cats. Can also be used to support peonies and other perennials. Specially designed pattern galvanized iron wire.
- 22 in. high, per ft. 13c., 16 in. high, per ft. 11c.
- If in full rolls of 165 ft. in length, price is 1c. per ft. less.

## Individual Wickets. Heavy galvanized wire.

No.	Width	Height	Quantity Required	Each	Doz.	100
6	6 in.	14 in.	220 per 100 ft.	.08	\$0.60	\$4.00
8	8 in.	16 in.	220 per 100 ft.	.08	\$0.60	5.00
10	10 in.	19 in.	180 per 100 ft.	.10	1.00	6.00
12	12 in.	24 in.	180 per 100 ft.	.12	1.20	8.00

- GARDEN LINES.** Braided and made of best material; will not kink. 200 ft. \$2.25; 100 ft. P. P. Wt. 1 lb..... 1.25

- GARDEN LINE REEL.** Large size. P. P. Wt. 4 lbs. Each \$2.00; Small size. P. P. Wt. 3 lbs. Each..... 1.25

## GLAZING POINTS.

- Peerless.** Made of galvanized steel wire in three sizes. No. 1 for small single thick glass, No. 2 for medium thick glass, No. 2½ for large double thick glass. Box of 1000, P. P. Wt. 2 lbs..... .75
- Pincers** for driving Peerless Glazing Points..... 1.00
- Siebert Style.** Made with a prominent head, zinc, cannot rust, 1150 to 1400 per lb.  $\frac{3}{8}$  and  $\frac{1}{2}$  in. 10 lbs. \$4.50; 1 lb..... .55

## GLAZING PUTTY. See page 147.

## GLOVES, Garden and Pruning. Gauntlet style of horsehide.

Specify size.

"Handy Andy." Per pair, \$2.00. Others \$2.50, \$2.75 and 3.00

- GRAFTING TOOLS, or KNIVES.** All steel, hook handle (1 lb.)..... 1.00

- Voos.** 8-in. long,  $\frac{1}{4}$ -in. cutting edge. Full polished (1 lb.)..... 1.25

- GRAFTING WAX.** A superior article neatly put up. Lb. 45c.,  $\frac{1}{2}$  lb. 25c.,  $\frac{1}{4}$  lb..... .15

- GRAPE BAGS.** String-tied. Just the thing for protecting individual bunches of grapes from injury. Easily and securely fastened. Opaque. Doz. 30c., 100 \$1.50, 1000..... 12.00

## GRASS CATCHERS. See page 139.

## GRASS HOOKS, or SICKLES. See page 139.

## GRASS SHEARS. See page 139.

- HEATERS for AUTOS and VANS.** Almost indestructible, and with ordinary care they will last a lifetime. All drawers have a double thickness of iron in bottom, which feature doubles their life.

3C. Oval, 14 in. long, polished brass ends, covered with carpet..... 7.00

2C. Triangular, 14 in. long, polished brass ends, covered with carpet..... 4.50

O.B. Oval, 12 in. long, heavy white steel ends, covered with carpet..... 3.60

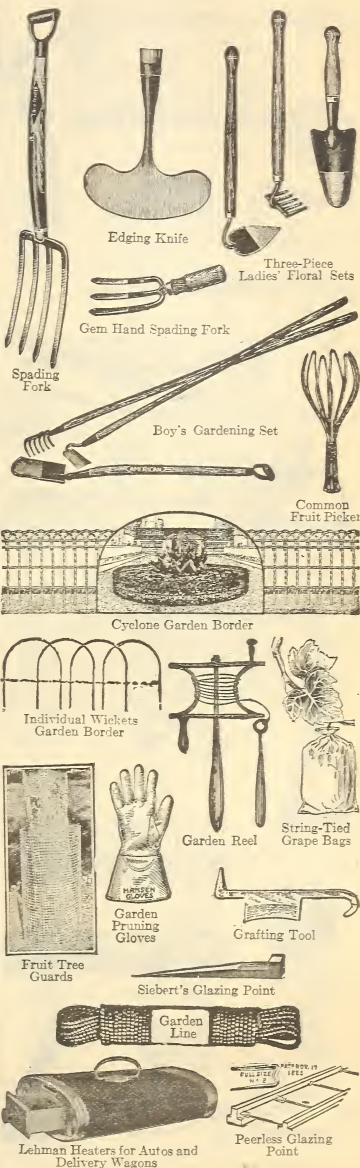
11B Triangular, otherwise like O.B..... 3.60

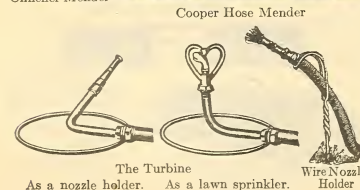
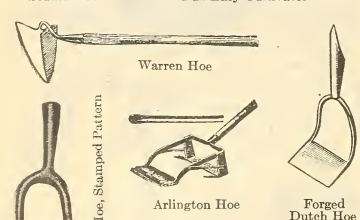
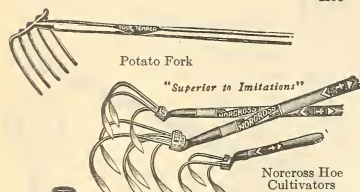
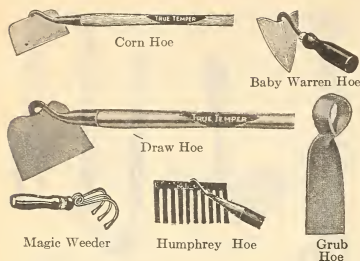
10 Florists' or Van Heater. 14 in. long, 16 in. high, 3 drawers, not covered. Iron feet that can be screwed to the floor..... 8.50

- HEATER COAL.** In boxes of one dozen full-sized bricks..... 1.25
- In cases of 100 full-sized bricks..... 9.00

## HEDGE SHEARS and PRUNERS. See page 146.

## HOES and WHEEL CULTIVATORS. See page 145.





SUNDRIES—Continued

HOES. Their constant use in gardens will work wonders.		Price
<b>Baby Warren.</b> For transplanting, making and covering drills in flower beds, and weeding. Excellent for scraping young trees. 4½-in. blade. P. P. Wt. 2 lbs.		\$0.65
<b>Corn.</b> An excellent light tool. 7-in. blade, 2½-in. deep.		1.15
<b>Draw, or Field.</b> Built for good hard use. 8-in. blades.		1.30
<b>Ladies' Size.</b> Very handy about the flower beds. 5-in. blade.		.85
<b>Grub Hoe.</b> 6½-in. blade, with handle.		2.00
<b>Humphrey Hoe.</b> 10 flat teeth.		1.20
<b>Magic Weeder Hoes.</b> Strong and durable, spring teeth. Light and easy to use. Very popular. Should be in every tool basket.		
<b>Short Handle.</b> P. P. wt. 1 lb.; 3 teeth, 20c.; 4 teeth, 35c.; 4 teeth, 1½-in. blade on back for use as a hoe.		.45
<b>Long Handle.</b> 4 teeth, 3-in. blade on back \$1.10; 4 teeth only.		.90
<b>Meadow Hoe.</b> Splendid for general use. 9-in. blade.		1.40
<b>Mehler's Hoe Combination.</b>		1.00
<b>Norcross Hoe Cultivator.</b> It works easier and faster than any wheel hoe. Made of first-class material, light and durable.		
4 ft. handle, 3 prong. \$1.10; 3 prong.		.85
3 prong, 9-in. handle.		.50
<b>Connection for attaching to Iron Age Cultivators.</b>		.20
<b>Pronged Hoe, or Potato Fork.</b> 6 heavy round tines.		1.60
5 heavy round tines.		1.50
<b>Pull Easy Hand Cultivators.</b> Malleable iron and steel frame and teeth; arms easily adjustable to any width row.		
18 in. 9 teeth, 4 ft. handle.		1.25
<b>Suffle, Arlington.</b> Extensively used by market gardeners. We are headquarters and can supply the genuine article made in the best possible manner.		
5, 6, 7 or 8 in.		\$2.75
9 or 10 in.		3.00
<b>Suffle, or Push Hoe.</b> American, with handles. 9 in. 85c., 8 in.		.80
<b>Suffle, Dutch or English.</b> Forged, best English make. 6 in. 70c., 7 in. 80c., 8 in. 90., 9 in. \$1.00. Mailing weight without handles, 1 lb. each. 6½ ft. handles extra, add 55c. each doz.		6.00
<b>Suffle, Dutch or English.</b> Stamped pattern, English made. Good quality. Mailing weight without handles, 1 lb. each. 6 in. 50c., 7 in. 55c., 8 in. 60c., 9 in. 65c. 6½ ft. handles extra, add 55c. each, doz.		6.00
<b>Warren.</b> Heart-shaped hoe.		1.50

GARDEN HOSE AND ACCESSORIES

<b>F. F. R. Co.'s Best Moulded.</b> A splendid first quality rubber hose of this popular style built for service with a high-grade rubber inner tube, reinforced with two firmly braided cotton jackets and a durable ribbed rubber jacket vulcanized on. Combines great flexibility without sacrificing durability or strength. Especially adapted for gardens, estates and greenhouses where it gets hard use. Made specially for us under our own brand and we guarantee every foot. Coupled, ready for use.		
½ in., 25 ft. \$4.25; 50 ft.		8.00
¾ in., 25 ft. \$5.00; 50 ft.		9.50
<b>Wallabout.</b> An excellent grade of wrapped hose that has always given satisfaction. 3-ply. Guaranteed. Coupled, ready for use.		
¾ in., 25 ft. \$3.25; 50 ft.		6.25
¾ in., 25 ft. 4.00; 50 ft.		7.50
<b>Cotton or Woven Hose.</b> Coupled, ready for use.		
¾ in., 25 ft. \$4.00; 50 ft. \$7.50; ¾ in., 25 ft. \$3.50; 50 ft.		6.50
<b>HOSE BANDS.</b> Fastens tightly to the hose with screws. (Galvanized). ¾ in. each 3c., doz. 30c.; ½ or ¾ in. each 5c., doz. 40c.; 1-in. (brass) each 15c., doz.		1.50
<b>CLINCHER HOSE COUPLINGS.</b> ½, ¾ in. doz. \$3.30. Each		.30
<b>COMMON BRASS COUPLINGS.</b> ½ or ¾ in. 25c., doz. \$2.50, 1 in. each.		.35
<b>HOSE NOZZLE CONNECTION.</b> For connecting hose and spray nozzles. ¾ in. x ¾ in.		.55
<b>HOSE NOZZLE HOLDER.</b> The hose is held firm, and can be adjusted to any elevation.		
<b>Turbine.</b> Lays flat. Can be drawn about. With nozzle attached, it makes an excellent sprinkler. P. P. Wt. 4 lbs. With Blake Sprinkler head, \$1.25; without nozzle or head.		1.00
<b>Wire.</b> P. P. Wt. 1 lb. Galvanized.		.35
<b>HOSE MENDEES.</b>		
<b>Caldwell Hose Strap.</b> Made from best quality brass wire. ½ or ¾ in. Doz. 30c. Pliers, each.		.30
<b>Clincher.</b> Sure to stay on as long as the hose lasts. ½ or ¾ in. doz. \$1.30; each.		.15
<b>Cooper.</b> One of the best. Brass. 1 in., doz. \$1.25. Each.		.12
½ or ¾ in. doz. \$1.00. Each.		.10



## SUNDRIES—Continued

**SPRAYING NOZZLES FOR HOSE.** All these nozzles will fit the couplings on  $\frac{1}{2}$ - and  $\frac{3}{4}$ -in. water hose.

<b>Boston Rose Spray for Greenhouse.</b> Brass. Coarse or fine. Splendid for flower beds and lawns. Postpaid.	\$1.25
<b>Central.</b> Adjustable to streams or sprays. Stuck into the ground it is an acceptable sprinkler. Postpaid.	.30
<b>Champion.</b> Will throw a spray or solid stream with no back pressure. Splendid for syringing roses. $\frac{3}{4}$ in. brass. Postpaid.	.55
<b>Fairy.</b> A straight stream or spray. Postpaid.	1.25
<b>Fountain Shower.</b> Simple, efficient, cheap. Postpaid.	.25
<b>Greenhouse Hose Nozzle.</b> $\frac{1}{4}$ in. face for $\frac{3}{4}$ in. hose, each \$1.25; $\frac{3}{8}$ in. face. Postpaid.	1.00
<b>Kinney Pump, or Liquid Manure Distributor.</b> For mixing liquid manure with clear water without interfering with the flow of water in garden hose. Will apply from 5 to 15 gallons of liquid fertilizer per minute. Postpaid.	2.35
<b>New Boston.</b> Will throw a coarse or fine spray, or a large or small stream, as may be desired. Postpaid.	.75
<b>Stotts.</b> Especially in favor with rose growers. Throws a side spray. Single spray \$2.00. Double spray, postpaid.	2.75

**NOZZLES FOR SPRAYING INSECTICIDES.** All of these nozzles require the use of an attachment between the hose and nozzle, like Fig. 966 or 733 illustrated on page 132.

<b>Bordeaux.</b> \$1.50	<b>Vermorel.</b> 1.35
<b>Demorel.</b> .85	<b>Mistry, Jr.</b> 1.00
<b>Friend, Angle.</b> 1.50	<b>1 spray.</b> 1.75
<b>Straight.</b> 1.50	<b>3 spray.</b> 1.75

**IMPROVED HOSE RACK.** Hangs over a nail anywhere and saves that good hose from kinking. Simple and sensible. P.P. Wt. 4 lbs.

**HOSE REDUCERS OR NIPPLES, Brass.**

$\frac{3}{4}$ to $\frac{1}{2}$ in., each 35c., $\frac{1}{2}$ to $\frac{3}{4}$ in. each.	.35
$\frac{1}{2}$ to 1 in., or 1 to 1 in. each 35c., $\frac{3}{4}$ to $\frac{1}{2}$ in. fit Borg.	.30
other standard nozzles.	.30

**HOSE REELS.** Tubular steel frame.

No. 20. Best on the market. For 150 ft. $\frac{3}{4}$ -in. hose.	5.50
No. 2. Strong and durable. For 100 ft. $\frac{3}{4}$ -in. hose.	3.00

**SHUT-OFF CONNECTION.** Fits  $\frac{1}{2}$  or  $\frac{3}{4}$ -in. water hose couplings. 1.00

**HOSE WASHERS.** Rubber.  $\frac{1}{2}$  and  $\frac{3}{4}$  in., lb. 50c., doz. 1.00

**HOTBED AND COLDFRAME MATS.**

**Cloth.** Excellent mats for the protection of young plants in cold-frames or hotbeds; not as bulky as the straw mats, and undoubtedly warmer. They are filled with waste and quilted to hold their shape.

Heavy drilling, cut, 72x75 in.	Each \$4.50, doz. 48.00
Burlap, both sides. Cut 40x70 in.	Each \$3.00, doz. 30.00

**Straw.** Made by hand from the best rye straw, and in the most thorough manner. 6x6 ft. Each \$3.25, doz. 36.00

3x6 ft. Each \$1.75, doz. 20.00

**HOTBED SASH.** Well made from the very best quality sash, thoroughly seasoned and free from knots or imperfections. Painted and glazed with double thick glass either 6x8, 8x10, or 10x12 glass as wanted. They measure 3x6 ft. by  $\frac{1}{4}$  in. thick. Must not be confused with cheaper sash of thinner material.

**Un glazed and Unpainted.** Each \$4.85, 6 for \$28.50, doz. 54.00

**Double Light.** Has two layers of double thick glass which provides an air chamber, dispensing with the use of boards, mats or other covering during much of the time, allowing the maximum of sunlight to reach the growing plants. Each \$14.60, 6 for 84.00

**Regular.** Each \$10.50, 6 for \$60.00, doz. 114.00

Price on larger quantities on application.

All sash must be crated for shipment by express or freight and for this we charge extra as follows:

1 or 2	3 or 4	5 or 6	7 or 8	9 or 10	11 or 12
Un glazed.	\$1.05	\$1.05	\$2.10	\$2.10	\$3.15
Regular.	1.05	2.10	3.15	4.20	5.25
Double.	1.05	2.10	3.15	4.20	5.25

**HOTBED AND MUSHROOM BED THERMOMETERS.** 3.00

**HYACINTH GLASSES.** See our Fall Bulb Catalogue.

**KNIVES, BUDDING AND PRUNING.** Best American.

**F. F. R. Co.'s Special.** White composition blade, brass lined. Two blades, one especially for budding. 1.75

**Horn Handle Budding.** White composition bud opener, brass lined. Made for good hard work. 2.00

**Stag Handle Budding.** Unlined. 4 in. long. 1.25

**Combination Budding and Pruning.** Genuine stag handle, bolstered and riveted. 2.00

**Ordinary Pruning.** Redwood handle.  $\frac{3}{4}$  in. long. 1.00

**Medium Pruning.** Redwood handle.  $\frac{1}{2}$  in. long. 1.25

**Heavy Pruning.** Like the above but heavier. 1.50

**Stag Handle Pruning.** Large, flat end.  $\frac{1}{2}$  in. long. 1.75

**LABELS.** Mark your plants and know the particulars about them.

Pot Labels. Wooden.	Doz.	Plain	1000	Doz.	Painted	100	1000
4 in.	\$0.20	.80	6.00	\$0.25	1.00	7.40	
4 1/2 in.	.25	1.00	8.00	.30	1.10	9.60	
5 in.	.30	1.30	10.40	.35	1.50	12.00	
6 in.		.30	2.20		.40	2.75	

Garden Labels. Wooden.	Doz.	Plain	1000	Doz.	Painted	100	1000
8 in.	\$0.20	.80	6.00	\$0.25	1.00	7.40	
10 in.	.25	1.00	8.00	.30	1.10	9.60	
12 in.	.30	1.30	10.40	.35	1.50	12.00	

Tree Labels. Wooden.	Doz.	Plain	1000	Doz.	Painted	100	1000
3 1/2 in., iron wired.	.25	1.80		.40	2.20		
3 1/2 in., copper wired.	.30	2.10		.40	2.60		

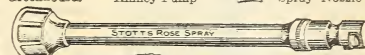
Price

No. 2  
Hose ReelImproved  
Hose Rack

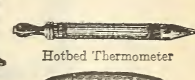
No. 20 Hose Reel

Boston Rose  
Spray for  
Greenhouses

Kinney Pump

New Boston  
Spray Nozzle

STOTTS ROSE SPRAY

Shut-Off  
ConnectionChampion  
Nozzle

Hotbed Thermometer



Fairy Spray Nozzle



Greenhouse Nozzle



Cloth Mats make excellent coverings for hotbeds and coldframes. Splendid for covering loads of vegetables

3/8 inch  
Wired Tree Label4 to 6 inch  
Pot Label8 to 12 inch  
Garden LabelHorn Handle  
Budding Knife

Budding Knife

Stag Handle  
Budding KnifeStag Handle  
Budding Knife

**Labels, Copper.** Made of copper and copper wired; Price  
Indestructible and always legible. No. 2, 5x1 1/2 in.,  
doz. 35c., 100 \$2.00; No. 1, 3 1/2 x 1 1/2 in., doz.  
30c., 100 \$2.00

INCREASE THE NITROGEN in your soil  
Increase your Harvest Increase your Profits



# Mulford Cultures *will help you do it*

Nitrogen is the most expensive fertilizing element to buy. Why not take advantage of a very simple natural process to put it into the soil?

**Beans, Peas, Sweet Peas, Clovers, Vetch,** and related crops classed as legumes are peculiar in having little creatures called bacteria live upon their roots. Their presence is known by the many small bunches or swellings, nodules by name. Inside these nodules immense numbers of bacteria thrive, storing up nitrogen from the air, which soon becomes readily available for the use of the plant. Encourage these little creatures and grow strong, healthy plants, and, perhaps, turn failure with your crop into success.

Inoculate your seed before planting with **Mulford Cultures**. Every package of **Mulford Cultures** contains enormous numbers of pure, tested, and active bacteria. No special knowledge is necessary to use them. Complete directions are on every bottle. Add water to the bottle, which is intentionally only about one-fourth filled, shake well, and dampen the seed with this mixture. Sow as usual when dry. The results are certain.

**It is not a question of how cheap, but how good.** We believe that there are no better cultures than **Mulford's**. Try them this year and convince yourself.

Inoculation does not apply to Corn.

**It is essential to get the proper kind of culture for the particular kind of seed to be treated.**

Mulford Cultures are prepared for:

Sweet Clover Alfalfa Vetch Garden Beans  
Red Clover Cow Peas Sweet Peas Lima Beans  
Alsike Clover Soy Beans Garden Peas and others

Half garden size supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas.

PRICES:	Postpaid
5-acre size.....	\$5.00
1-acre size.....	1.50
½-acre, garden size....	.75
Half garden size.....	.35

**Bacteria can be sent by Parcel Post**

**MASTICA, Liquid Putty.** For glazing greenhouses, hotbeds, sash, etc., better than ordinary putty. Does not crack. Always stays soft. Gal. \$2.65

**MASTICA MACHINE.** For glazing with liquid putty. Each 3.25

**MELON NETS.** For supporting Melons growing in greenhouse. Each 25c, doz. 2.50

**NOZZLES.** See pages 131 and 143.

**OIL.** Lubricating. For lawn mowers, etc. Gal. \$1.00, ½ pt. .20

**PAPER.**

**Manila.** For parceling. Sheets 20x30 in., 24x36 in., 30x40 in. 100 lbs. \$11.00, lb. .12

**Tissue, Light Brown.** 20x30 in. \$1.50; 24x36 in. \$2.00

**Tissue, White.** 15x20 in. 1.50; 18x24 in. 2.00

20x30 in. 2.50; 24x36 in. 3.50

**Waxed, Green.** 12x18 in. \$2.00; 18x24 in. 3.50; 24x36 in. 6.00

**Waxed, White.** 12x18 in. 1.50; 14x18 in. 1.75; 15x30 in. 1.75

18x24 in. 2.00; 24x36 in. 4.00

**White.** For parceling. Sheets 20x30 in., 30x40 in., 24x36 in., 100 lbs. \$15.00; lb. .17

**PENCILS.** Black Waterproof. Will withstand all climatic conditions. Each 10c, doz. 1.00

**PEONY SUPPORTS.** Keep the flowers out of the dirt. Simple to use, durable, and pleasing in effect. See also page 150.

**Model Extension.** 36 in. high, 14 in. diameter. Made of heavy galvanized wire. Use them also in your vegetable garden. Easily knocked down for winter storage. Each 40c; doz. 4.00

**Square Wood.** Of seasoned hardwood with four turned uprights and dowels: 32 in. high, 17 in. diameter. Each 40c; doz. 3.80

**Wood and Wire.** Three turned hardwood uprights and two wire hoops. 32 in. high, 18 in. diameter. Each 40c; doz. 4.00

**Wood.** Round with two hoops securely fastened to three flat uprights. 30 in. high, 16 in. diameter. Each 25c; doz. 2.00

**PLANT PROTECTING CLOTH FOR HOTBEDS.** Valuable for covering hotbeds and frames in Spring instead of glass, and for throwing over bedding plants at night in Fall.

Medium weight Brown White

Per yd., when out. \$0.26 \$0.30

Per yd., in 60 yd. bolts. .24 .28

**PLANT TUBS, Heavy Cedar.** Painted green. Nos. 1 and 2 have hook handles, others drop handles.

No.	Outside	Inside	Outside	Inside	Each
	Diam.	Diam.	Diam.	Diam.	Depth
1	28 in.	25 in.	22 in.	20 in.	\$16.00
2	26 in.	23 in.	20 in.	18 in.	13.00
3	24 in.	21 in.	18½ in.	16 in.	8.35
4	22 in.	19½ in.	17 in.	15 in.	6.60
5	20 in.	17½ in.	16 in.	14 in.	5.50
6	18½ in.	15½ in.	15 in.	13½ in.	4.65
7	17 in.	14½ in.	14 in.	12½ in.	3.85
8	16 in.	14 in.	13 in.	11½ in.	3.30
9	14 in.	12½ in.	12 in.	10½ in.	2.75
10	12 in.	10 in.	9½ in.	8½ in.	2.10

**PLANT TUBS, Richmond Cedar.** Wire hoops and without feet. Drop handles only on the five larger sizes.

No.	Outside	Inside	Each	No.	Outside	Inside	Each
	Diam.	Diam.	Depth		Diam.	Diam.	Depth
13	8 in.	8 in.	\$0.80	17	12 in.	11 in.	\$1.80
14	9 in.	9 in.	.85	19	14 in.	13 in.	2.50
15	10 in.	10 in.	1.00	21	16 in.	15 in.	3.00
16	11 in.	10 in.	1.25	23	18 in.	17 in.	4.00
				24	19 in.	18 in.	4.75

**PLANT TUBS, "Success."** Galvanized. Made similar to Steel Plant Box.

Length	Width	Depth	Each	Length	Width	Depth	Each
10 in.	10 in.	7½ in.	\$1.90	16 in.	16 in.	12½ in.	\$3.50
12 in.	12 in.	8½ in.	2.25	18 in.	18 in.	12½ in.	4.25

**PLANT BOXES, "Success."** Galvanized steel, enameled green, for windows, inside or out, porches, sun parlors, etc. The only plant box which will give perfect drainage necessary for the growing of plants and at the same time not leak or drip and damage the woodwork.

Model A.	Width, 8½ in.	Depth, 6¼ in.	Each
Length	Each	Length	Each
24 in.	\$1.35	42 in.	\$3.15
30 in.	1.75	48 in.	3.75
36 in.	2.60		

**Brackets.** Each box requires a pair. Green, to match the boxes.

No. 1, for setting on sill.....	Model A { \$0.85	Model D { \$1.20
No. 2, for hanging under sill... Per pair	1.10	1.35
No. 3, for the porch rail.....	.45	.80



SUNDRIES—Continued

SUCCESS PLANT BOXES—Continued

Model D. Just right for country clubs, hotels, and other institutions where a large display is desirable. Width 11 in., depth 8 in., otherwise like Model A. For factory shipment only.

Length	Each	Length	Each
30 in.	\$3.50	48 in.	\$5.50
36 in.	4.25	54 in.	6.25
42 in.	5.00	60 in.	7.00

FLOWER POTS

Pots, Standard Clay. (Hews.) Measurements from inside to inside. Width and depth equal.

Inches	Each	Doz.	100	Inches	Each	Doz.	100
2 1/2	\$0.03	\$0.25	\$1.30	9	\$0.45	\$4.50	\$34.50
2 3/4	.04	.30	1.80	10	.50	6.00	46.60
3	.04	.40	2.40	11	.90	9.00	69.00
3 1/4	.05	.50	2.80	12	1.20	12.00	95.00
4	.06	.60	3.50				
4 1/4	.08	.80	4.70	13	1.50		
5	.09	.90	6.30	14	1.75		
6	.14	1.40	9.40	15	2.45		
7	.24	2.40	15.50	16	3.45		
8	.30	3.00	22.50	18	5.20		

Bulb or Seed Pans, Round, Clay (Hews.)

Size.	Each	Doz.	100	Size.	Each	Doz.	100
6 in.	\$0.14	\$1.40	\$9.40	9 in.	\$0.45	\$4.50	\$34.50
7 in.	.24	2.40	15.60	10 in.	.60	6.00	46.60
8 in.	.30	3.00	22.50	12 in.	1.20	12.00	95.00

SWINGING BRACKETS FOR FLOWER POTS. Made of steel, very strong and durable. Artistic in design and finished black. Flower pots and saucers are absolutely secured by the spring clasp.

Mailing weight 1 lb. each.  
No. Each Doz. No. Each Doz.  
1 holds 5 in. pot. \$0.50 \$5.40 3 holds 7 in. pot. \$0.70 \$7.80  
2 holds 6 in. pot. .60 6.60

WIRE WINDOW PLANT SHELVES. Can be attached to the flat part of any window moulding. Adjustable brackets are so constructed as to allow the curtain between the window and shelf. Shelves 7 1/2 in. wide. Each complete with brackets. Mailing weight 9 lbs. each. 42 in. each \$2.25; 36 in. each \$2.00; 30 in. each 1.75

PLANT STANDS, WIRE, FOLDING. Strong and durable. When not in use can be folded and stored away in a small place. All trays except the two single tray stands are 30 in. long and 7 1/2 in. wide.

	Height from floor	Projects	
	Top shelf	Lower shelf from wall	
1 tray, 24 in. long	25 in.	14 in.	2.25
1 tray, 33 in. long	25 in.	14 in.	3.25
2 tray	26 in.	18 in.	4.50
3 tray	34 in.	16 in.	5.75
4 tray	42 in.	15 in.	7.60

HANGING POTS, CLAY, UNPAINTED. (Hews.)

Size	Each	Doz.	Size	Each	Doz.
7 in.	\$0.30	\$3.00	10 in.	\$0.70	\$6.00
8 in.	.35	3.60	12 in.	1.00	9.00
9 in.	.40	4.20			

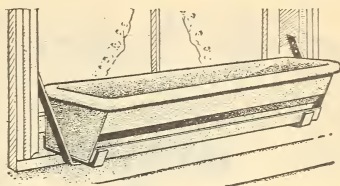
Hanging Pot Chains. Heavy brass, doz. \$3.60, each .35  
Bracket Hooks for use with hanging pots. Dull brass, 10 in. long. With screws. Doz. \$2.50; each .25

Flower Pot Hanger, Krick's Perfect. Each Doz. \$0.35  
No. 1 will fit from 3 1/2 to 5 in. pots. .05 .40  
No. 2 will fit from 5 to 8 in. pots. .05 .40  
No. 3 will fit from 8 to 12 in. pots. .05 .45

NEPONSET PAPER POTS. Made from tough, lasting and thoroughly waterproof paper, which gives the necessary firmness. Unbreakable and made so as to give ample drainage.

Not less than one case at the 1000 prices.  
Case of 1000 Case of 500

In.	Wt.	Doz.	100	1000	In.	Wt.	Doz.	100	1000
2 1/2	12 lbs.	\$0.15	\$0.60	\$3.60	4	23 lbs.	\$0.30	\$1.40	\$9.05
2 3/4	16 lbs.	.15	.70	4.20	5	37 lbs.	.40	2.10	14.10
3	24 lbs.	.20	.90	5.60	6	51 lbs.	.50	2.80	18.80
3 1/4	34 lbs.	.25	1.10	7.25					



"Success" Plant Box with Extension Bracket No. 1

CLAY SAUCERS (Hews). Measurements are from outside to outside.

Size	Each	Doz.	100	Size	Each	Doz.	100
3 1/2 in.	\$0.05	\$0.40	\$2.30	10 in.	\$0.24	\$2.40	\$15.60
4 in.	.05	.50	2.60	11 in.	.27	2.70	18.90
5 in.	.06	.60	3.50	12 in.	.32	3.30	23.50
6 in.	.09	.90	5.20	13 in.	.35		
7 in.	.11	1.10	6.90	14 in.	.40		
8 in.	.14	1.40	9.50	15 in.	.45		
9 in.	.20	2.00	13.00	16 in.	.55		

WATERPROOFED CLAY SAUCERS. (Hews.) These are ordinary clay saucers which have been processed with a practically colorless lacquer that renders them non-porous. The manufacturer recommends them highly.

Size	Each	Doz.	100	Size	Each	Doz.	100
3 1/2 in.	\$0.08	\$0.35	\$5.00	8 in.	\$0.30	\$3.00	\$21.00
4 in.	.09	.90	5.80	9 in.	.40	4.00	29.00
5 in.	.12	1.20	7.70	10 in.	.45	4.50	
6 in.	.18	1.80	11.50	11 in.	.55	5.50	
7 in.	.24	2.40	15.30	12 in.	.60	6.00	

FIBER SAUCERS. Far cheaper in the end than earthenware. Are not porous. Mahogany brown color.

Size	Each	Doz.	Size	Each	Doz.
5 in.	\$0.35	\$3.70	12 in.	\$0.60	\$6.50
6 in.	.38	4.00	14 in.	.84	9.00
7 in.	.42	4.30	16 in.	1.42	16.00
8 in.	.46	4.70	18 in.	1.67	18.30
9 in.	.50	5.20	19 in.	2.10	24.00
10 in.	.55	5.70			

Rolling Stands for Fiber Saucers. Heavy plants can be pushed around from place to place as easily as a light table.

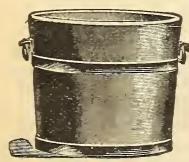
Outside	Will take	Outside	Will take
diam. pot of diam.	diam. pot of diam.	diam. pot of diam.	diam. pot of diam.
about at bottom	Each Doz.	about at bottom	Each Doz.
12 in. 10 in.	\$1.00 \$10.80	19 in. 16 in.	2.50 \$24.00
12 in. 11 in.	1.25 14.00	22 in. 17 in.	3.00

MOISTURE-PROOF (May Tree) SAUCERS. Are a rich reddish brown color, with a smooth wax finish.

Size	Each	Doz.	Size	Each	Doz.
9 in.	\$0.40	\$4.20	12 in.	\$0.60	\$6.60
10 in.	.45	4.80			

FIBER FLORIST'S VASES. Have neither seams, joints nor hoops.

Diam.	Depth	Order	Each	Doz.
Inside	Inside	by No.		
8 in.	13 in.	0	\$1.60	\$18.05
5 1/2 in.	10 1/2 in.	1	1.42	16.15
4 1/2 in.	9 in.	2	1.25	14.25
4 in.	6 1/2 in.	3	1.10	12.55
3 in.	5 in.	4	.90	10.30
9 1/2 in.	21 in.	00	5.00	57.00
7 in.	20 in.	01	3.00	34.20
6 in.	15 in.	11	1.92	21.85
4 1/2 in.	15 in.	22	1.75	20.00
12 in.	12 in.	23	1.55	17.70
3 in.	9 in.	44	1.21	13.80



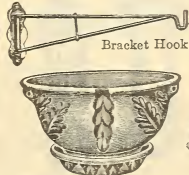
Heavy Cedar Tub  
None better made



Richmond Cedar



Neponset Paper Pot



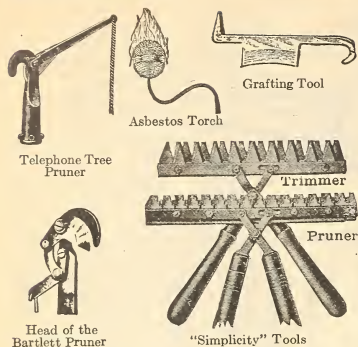
Hanging Pots



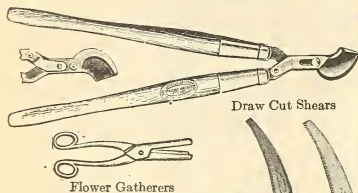
Fiber Saucer



Fiber Rolling Stand



"Simplicity" Tools



Flower Gatherers

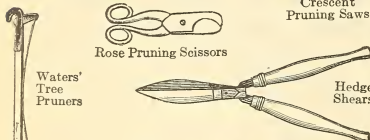
Duplex Pruning Saw



Adjustable Pole Pruner

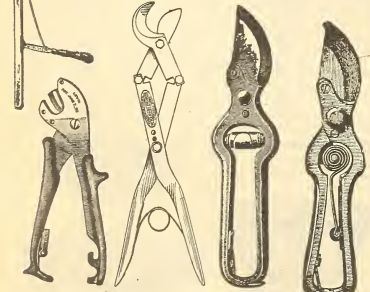
Crescent Pruning Saws

Rose Pruning Scissors



Waters' Tree Pruners

Hedge Shears



Levin McKenney No. 0 No. 40 American Pruning Shears

French Shears

## PRUNING AND ORCHARD SUPPLIES

Proper pruning is beneficial to fruit and ornamental trees, vines, shrubs, etc., and a good pruner has "an eye" for the work. Practice makes perfect, and good tools are a prime requisite. Your time and strength are too valuable to expend with poor tools. Get the best without regard to price and take care of them. Do not neglect to give the necessary care to your plants. Our list gives suggestions for the work the year round.

**BRUSHES.** For applying creosote. Price \$1.25

**GRAFTING TOOLS or KNIVES.** Steel, hook handle, \$1.00; \$1.25

**Voos.** Price \$1.25

**GRAFTING WAX.** A superior article. 1 lb. 45c.,  $\frac{1}{2}$  lb. 25c.,  $\frac{1}{4}$  lb. .15

**KNIVES, BUDDING and PRUNING.** See page 143.

**PRUNING SAWS.** Disston make. None better.

**Adjustable Pole Pruner.** Adapted for sawing by hand or attached to a pole. Adjustable for sawing at different angles. Straight, 18 in., without pole. P.P. Wt., 4 lbs. 1.55

**Crescent-Shaped.** 10-in. blade, long, slender teeth. P.P. Wt. 4 lbs., \$1.75 with hook. 2.50

**Disston's Duplex.** Double edge, fine teeth for dry pruning, and the coarser edge for green wood. P.P. Wt. 3 lbs. 16 in. \$1.50, 20 in. 1.75

**Disston's Single Edge.** P.P. Wt. 3 lbs., 16 in. \$1.40, 20 in. 1.65

**PRUNING SCISSORS.**

**Flower Gatherers.** For cutting and holding flowers. 1.75

**Grape Clippers, or Apple Thinners.** Domestic. For thinning the fruit. Imported. Postpaid. .60

**Rose Pruners.** Imported. 6 in. \$2.50, 5 in. 2.25

**PRUNING SHEARS, American.** Best quality.

**No. 30.** California pattern. Best materials throughout. Correctly shaped blades. Black handles, volute spring. 9 in. P.P. Wt. 2 lbs. 1.10

**No. 31.** Like No. 30, but heavier. Built for good, hard use. Volute spring. 10 in. P.P. Wt. 2 lbs. 1.25

**No. 39.** French wheel spring. 9 in. Black handles. Sure to be popular. P.P. Wt. 2 lbs. 1.25

**No. 40.** Really a No. 30, but polished and nickel-plated. 9 in. 1.75

**No. 149.** French wheel spring. 9 in. Polished and nickel-plated with ratchet nut to take up possible play; a feature of many shears put out today. P.P. Wt. 2 lbs. 2.25

**Ladies' No. 10.** A handy little shear, black handles, volute spring. 6 in. P.P. Wt. 1 lb. .65

**Levin Pruner No. 23.** Very desirable. Cuts clean and easily. Does not smash the twig.  $\frac{7}{16}$  in. P.P. Wt. 1 lb. .75

**The "Wiss."** Fully guaranteed by the makers of the celebrated Wiss scissors and shears. Drop forged. Black grips. 9 in. P.P. Wt. 1 lb. 1.25

**PRUNING SHEARS, French.** Superior in every way. Works and cuts well. Steel wheel spring. The best pruner ever offered. Full polished. P.P. Wt. 2 lbs. 7 in. \$2.50, 8 in. \$2.75, 9 in. 3.25

**PRUNING SHEAR, McKenney.** No. 1. A fine hand pruner with the favorite compound lever and double cut drop forged blades. Cuts  $\frac{3}{4}$  in. limbs. Length, 15 in. P.P. Wt. 2 lbs. 4.00

**BRANCH or LOPPING SHEARS.** For cutting large branches. The long, stout handles provide good leverage.

**Red Clipper, Draw Cut.** (Clyde). Cuts with a powerful sliding movement of the blade. Made from tool steel, bolted with a lock nut. 24 in. wood handles riveted to shear with ferrules and cap. 3.75

**McKenney.** Steel handles bent at ends to allow the tool to be suspended from the operator's belt. Has greatest strength with least weight. Double cut and compound lever features. Will cut cleanly and closely without crushing. No. 1, 23 in., wt. 2 lbs. \$5.00; No. 2, 30 in., wt. 5 lbs. 6.50

**HEDGE SHEARS.** American made. Solid steel blades. Built for service.

**Ladies' Garden.** Really a small, light, plain hedge shear. Good quality. 6 in. blade. 1.50

**Plain.** 8 in. \$2.00, 9 in. \$2.25, 10 in. 2.50

**Notched.** The notch prevents slipping. Best for heavy work. 8 in. \$2.25, 9 in. \$2.50, 10 in. 2.75

**Simplicity Hedge Trimmer.** Twelve inches wide, 19 cutting teeth, designed for cutting new growths of all kinds quickly and cleanly, both when opening and closing. P.P. Wt. 3 lbs. 5.00

**Simplicity Hedge Pruner and Trimmer.** Sixteen inches wide, 31 fluted teeth for cutting old as well as new growths with a saving of time and effort. Built for long service. P.P. Wt. 4 lbs. 7.50

**TREE PRUNERS.** Especially adapted for trimming in out-of-the-way places where it would be difficult and dangerous to climb with small hand shears or saws.

**Bartlett Jointed.** Compound lever hand, built to cut limbs up to 1  $\frac{1}{4}$  in. A unique feature brings strain on both sides of the pole, eliminating warp. Sectional, so that one can use it as either an 8, 12 or 16-foot pruner. Highly recommended. 6.00

**Telephone.** Similar in construction to the Waters, but heavier. Very strong and durable. Can be used on a pole of any length and operated with a cord. Without pole. 1.50

**Waters.** An old favorite for reaching caterpillar nests and pruning in out-of-the-way places. Blade is operated by rod and handle. With 14 ft. pole \$2.00, 12 ft. \$1.75, 10 ft. \$1.75, 8 ft. \$1.75, 6 ft. 1.65

**Extra blades, doz.** \$3.00 3.00

**TREE GUARDS.** Protect your young fruit trees from winter injury. Light, strong, durable and with their rust-proof finish will last for years. 6 in. diameter, 18 in. high. Doz. \$5.00, 12 in. diameter, 24 in. high, doz. \$1.80, 10 in. diameter, 18 in. high, doz. \$1.20, each. 2.0



## SUNDRIES—Continued

	Price
<b>PLANT SPRINKLERS, Spraywell.</b> Rubber. None better for spraying house plants. Bent or straight neck. Postpaid. 6 oz. 75c., 8 oz. 90c., 10 oz. ....	\$1.05
<b>PRESSES, Cider and Fruit.</b> The best cider mills made, are of selected Maple, rigid in construction, and are finished in their natural color. Prices ready in June for Fall delivery.	
"Medium" Cider Mill. Tubs measure 14 in. high by 14 in. diameter. With grinder. Capacity, 3 to 6 bbls. of cider per day. Weighs 240 lbs. ....	
<b>Fruit Presses.</b> Without grinders. Strong and efficient.	
No. 0. Tub, 9½ in. high by 9½ in. diameter. Weighs 47 lbs. ....	
No. 1. Tub, 11 in. high by 12 in. diameter. 1½ in. screw. Weighs 70 lbs. ....	
No. 2. Tub, 14 in. high by 14 in. diameter. 1½ in. screw. Weighs 146 lbs. ....	
No. 3. Tub, 15 in. high by 16 in. diameter. 2 in. screw. Weighs 230 lbs. ....	
<b>PUTTY, Twemlow's Liquid.</b> For bedding glass in sash, and filling cracks or seams in roof joints or frames of greenhouses or hotbeds. One gallon sets and covers ten boxes of glass. 5 gals. \$15.00, 1-gal. can ....	3.00
<b>PUTTY BULB, Rubber.</b> For glazing. Postpaid. Each ....	1.50
<b>RAFFIA.</b> The best material for tying, being very soft, pliable and strong. Excellent for binding in buds and scions. Original hanks about 5 lbs. each, 20c. lb.; lb. ....	.25
<b>RAKES.</b>	
<b>Bamboo Litter.</b> Fan shape. 18 in. spread, light wood handle, 5 ft. over all. Splendid for removing light litter. ....	1.75
<b>Gem Dandelion Rake.</b> See page 139 for description. 16 in. \$3.00, 24 in. ....	4.00
<b>Hay, Wood.</b> Three steel bows. Best. 14 teeth. Do. \$10.80. ....	1.00
<b>Lawn, Wood.</b> Strong, well finished, three steel bows, bent handle. 24 teeth. Doz. \$10.80. Each. ....	1.50
Extra teeth, doz. 20c., 100. ....	1.50
<b>Reversible Wire Lawn.</b> Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass and walks. 24 teeth. ....	1.00
<b>Steel, Garden.</b> Long, straight teeth. 18 teeth \$1.40, 16 teeth \$1.30, 14 teeth \$1.20, 12 teeth. ....	1.10
<b>Steel, Gravel.</b> Short, teeth for gravel walks. 18 teeth \$1.60, 16 teeth \$1.50, 14 teeth. ....	1.40
<b>REELS, Garden Line.</b> See page 141. Hose. See page 142.	
<b>ROLLERS, Waterweight Lawn.</b> See page 139.	
<b>RUSTIC WORK.</b> Strongly made from natural roots.	
<b>Hanging Baskets.</b> 15 in. \$4.00, 12 in. \$2.50, 10 in. \$1.75, 9 in. ....	1.50
<b>SASH FOR HOTBEDS.</b> See page 143.	
<b>SAUCERS, Clay, Fiber or May Tree.</b> See page 145.	
<b>SCYTHES.</b> Best American, black finish.	
<b>Bush.</b> Built for good hard use. ....	2.25
<b>Bush Hooks.</b> Fasten into a bush scythe snath and cut out brush handily. ....	1.00
Snaths to fit the above. ....	1.90
<b>Lawn or Grass.</b> 32 to 38 in. long. ....	2.00
Snaths to fit. ....	1.75
<b>SEEDER FOR GRASS AND FIELD SEEDS, Cahoon Broadcaster.</b> Every practical farmer with a half acre or more to sow each year should own one. The best on the market. Will save time and seed besides sowing more evenly than by hand. Strongly built and should last a lifetime. ....	5.50
<b>Cyclone.</b> A seed sower every farmer can afford. None can afford to seed without one. The best popular priced seeder. ....	2.50
<b>SHEARS, Edging or Border and Surface Cutting, Grass or Sheep.</b> See page 139.	
<b>Florist No. 13.</b> Wrist made and guaranteed. Any man with a greenhouse will find a dozen and one uses for these handy snips. 7 in. over all, 2½ in. blades. P.P. Wt. 1 lb. ....	1.50
<b>SHELVES AND STANDS. Wire Plant.</b> See page 145.	
<b>SHOVELS, Wood D Handle.</b> Round point or square, No. 2. Each \$1.80; No. 3. ....	2.00
Long handle. ....	1.80
<b>SICKLE or GRASS HOOK.</b> See page 139 for description.	
<b>Lawn King.</b> ....	.75
<b>Little Giant Adjustable.</b> ....	.75
<b>Village Blacksmith.</b> ....	.75
<b>SIEVES, Galvanized Wire.</b> For sifting loam, gravel, etc., 1 to 8 meshes per inch. 14 in. \$1.65, 16 in. \$2.00, 18 in. each. ....	2.25
<b>SILKALINE or SMILAX THREAD.</b> 2-oz. spools 40c., lb. ....	2.75
<b>SOD CUTTER AND LIFTER.</b> English, best quality steel. 4 ft. D handle. ....	8.00
<b>SPADES.</b>	
<b>Ames' Best.</b> High grade. Smooth back, wood D handle. ....	2.50
<b>Boy's Light,</b> small size. ....	1.75
<b>Franklin.</b> Smooth back, wood D handle. ....	2.10



Mastica



Glazing Putty



Putty Bulb



McKenney Tree Pruners



Cahoon Seed Sower



Mastica Glazing Machine



Bamboo Litter Rake



THE CYCLONE SEED SOWER

Wire Window Shelf  
See page 145

Reversible Lawn Rake



Rustic Basket



Steel Garden Rake



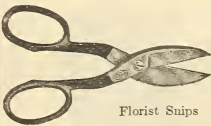
Wood Lawn Rake



Gem Dandelion Rake



Adjustable Grass Hook



Florist Snips



Rubber Plant Sprinker

These illustrations show the popular **Iron Age No. 306 Combined Hill and Drill Seeder, Double and Single Wheel Hoe.** Many enthusiasts call it **THE COMPLETE GARDENER.**

Without the seeder it is a No. 301.

Its use does away with all the drudgery and backache—doubles the pleasure and profit from any garden.

As a seeder it opens the row, deposits the seed, covers it and rolls it all at one operation, either in drills or hills. The drill is operated with great ease, is most accurate, durable and satisfactory. The seed sowing device is simple yet very effective. The agitator is simply a revolving brush of selected bristles, which separates the seeds which may cling together, and acts as a gentle force feed. It is but the work of a minute to slip off the seeder and attach the plows, side hoes or cultivating teeth. A truly excellent combination.

Regularly equipped with these and a pair of vine lifters for \$20.00. Packed weight, 57 lbs. Rakes are extra at \$1.50 per pair.

**No. 301, "Iron Age" Double and Single Wheel Hoe.** The change from a Double to a Single Wheel Hoe is quickly made. It stirs the soil very close to the plants without disturbing them in the least. After the plants have outgrown the use of the side hoes, or where it is desired to practice deeper cultivation, the cultivator teeth are used. Plows may also be applied for working aside rows to turn the soil to the plants and to open furrows for manure or deep planting of seeds. Strong and durable. Packed weight, 40 lbs. Rakes, extra, \$1.50 per pair. .... \$11.50

**No. 303.** The same tool as 301 without vine lifters, cultivator teeth or plows. Side hoes only. .... \$8.50

**No. 313.** The same tool as 301 without plows or vine lifters. Side hoes and four cultivator teeth only. .... \$10.00

**No. 327.** The same tool as 301 except that it is equipped with a pair of discs, three to each side, instead of side hoes or rakes. They are adjustable for width, depth and angle, and will thoroughly pulverize light soils. \$14.00. Discs alone, pair. .... \$3.50

**No. 315, "Iron Age" Combined Hill and Drill Seeder and Single Wheel Hoe.** A combination tool that will just suit the man who needs a single wheel hoe only. Three cultivator teeth, a pair of side hoes, a landside plow and a vine lifter are supplied in addition to the seed-dropping device. Packed weight, 50 lbs. .... \$18.00

**No. 320.** The same tool as 315 except that no seed-dropping device is supplied. Packed weight, 30 lbs. .... \$8.50

**No. 321.** The same tool as 315 without plow or cultivator teeth. Side hoes only. .... \$6.50

**No. 24, Corn, Bean and Pea Seeder.** There has long been a demand for a seeder to plant Peas, Beans and Corn. Here is the tool that drops the seed regularly and evenly by the revolving plate method so successful in the Iron Age Potato planters. The six discs furnished with each machine will allow dropping at intervals of 4, 6, 8, 10 or 12 inches. The marker is adjustable up to 30 inches. The hopper is  $5\frac{1}{2}$  inches deep and 7 inches in diameter. Bush Lima Beans require a special set of plates. Packed weight, 64 lbs. .... \$23.00

**Fig. 560, Corn, Bean and Pea Seeder Attachment.** This attachment is the same used with our No. 24 and may be applied to the No. 1 and 301 Double and Single Wheel Hoes. .... \$19.50

**The New Model Seed Drill.** The record of the "New Model" has always been entirely satisfactory and its place as one of the leading drills has become so firmly established that the oldest and best market gardeners regard it as "the old standby," and we heartily recommend it to those desiring a Hill Seeder without the combination of cultivating tools. Packed weight, 40 lbs. .... \$14.50

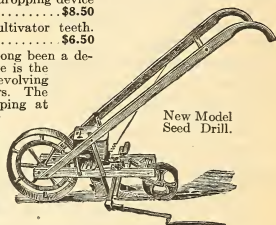
**"STANDARD" No. 20 SINGLE HIGH WHEEL**

## CULTIVATOR

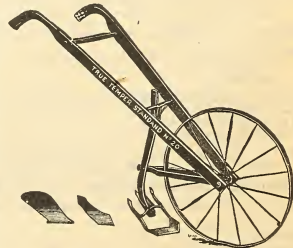
The handiest and most efficient high wheel cultivator made. By a special patented feature, the attachments always set at the same angle whether used for deep or shallow work. The bent oak handles may be instantly adjusted to suit the height of operator or to regulate the depth for the tools by loosening one wing nut—wrench not required. The machine runs easily, steadily and in perfect balance on the light, strong, 24-inch steel bushed wheel.

Equipped with a double-end steel tooth plow with landside, combined rake and scuffle, the steel parts of which are oil tempered and finely polished.

Packs flat for shipping; it is necessary to remove and replace but two bolts to set up complete, which can be done in a minute. Not equaled by any other cultivator, at anywhere near its price. It has our strongest guarantee. Weight about 18 lbs. .... \$5.50



New Model  
Seed Drill.



"Standard" No. 20 Cultivator



## SUNDRIES—Continued

Price

**SOAP SPRAYER, Barrie.** Attach to the faucet. Water passing through the bowl dissolves whatever soap base insecticide may be contained in it. The result is a mild solution effective in the control of aphid, spider, and other insect pests of the garden and greenhouse. Brass, nickel plated. Practically indestructible... \$7.50

**SPRAYERS, SPRAY NOZZLES and SPRAY MATERIALS.** See pages 131-135.

**SPRINKLERS, FOR LAWN AND GARDEN.** See page 139.

## PLANT STAKES FOR EVERY PURPOSE

**Bamboos.** Natural. Tapering to a point. Each Doz.  
6 to 9 ft. long,  $\frac{1}{4}$  to  $\frac{1}{2}$  in. at butt... \$0.25 \$2.50  
15 ft. long, 1 to  $\frac{1}{2}$  in. at butt... .50 5.50

**Chinese Tonkin Canes.** Tough as bamboo, which they resemble; more durable, natural, uniform diameter, smooth, butt cuts. Just the thing for staking every kind of garden plant, especially Roses and Dahlias. Growers use quantities of them.

Leth. Diam. Each Doz. 100 Leth. Diam. Each Doz. 100  
3 ft.  $\frac{1}{4}$  in. \$0.50 \$5.50 3 ft.  $\frac{1}{4}$  in. \$0.03 \$0.30  
6 ft.  $\frac{1}{2}$  in. .07 .70 4.25 5 ft.  $\frac{1}{4}$  in. .09 .90 5.50

**Green Bamboo.** Small and inconspicuous, but strong and very useful for small plants.

Doz. 100 1000 Doz. 100 1000  
12 in. \$0.15 \$0.40 \$3.20 36 in. \$0.20 \$1.00 \$5.00  
15 in. .15 .60 4.40 42 in. .25 1.20 9.50  
24 in. .15 .70 5.40 48 in. .30 1.40 10.50  
30 in. .20 .90 6.75 60 in. .40 1.60 12.20

**Japanese Canes.** Natural. Used by plant growers and in greenhouses for tying roses, chrysanthemums, etc.

Doz. 100 1000  
6 ft. \$0.35 \$1.50 \$13.50 5 ft. \$0.60 \$3.50 \$30.00  
10 ft. Doz. 50c. 100 \$5.00, 1000 \$45.00.

**Southern Cane Stakes.** Natural

Not as strong as the Japanese but will answer many purposes fully as well. Random lengths 6 to 9 ft.

100, \$1.60; 1000, 13.50

**Hardwood Square.** Unpainted.

Length Doz. 100 1000 Length Doz. 100 1000  
25 in. \$0.15 \$0.50 \$4.00 48 in. \$0.25 \$1.10 \$5.00  
36 in. .20 .80 6.00 60 in. .30 1.60 12.00

**Match Sticks or Hyacinth Stakes.** Pointed.  
12 in. painted green... \$0.40 \$2.50  
15 in. painted green... .50 3.50

**Round.** Tapering. Painted green. Clear pine wood.  
Each Doz. 100 Each Doz. 100  
1 1/4 ft. \$0.03 \$0.30 \$2.00 3 1/4 ft. \$0.12 \$1.20 \$8.50  
2 ft. .05 .50 3.50 4 ft. .15 1.50 11.00  
2 1/2 ft. .07 .70 5.00 5 ft. .22 2.20 16.00  
3 ft. .10 1.00 7.00 6 ft. .24 2.40 18.00

**Square.** Tapering. Painted green. Clear pine wood.  
Each Doz. 100 Each Doz. 100  
1 1/4 ft. \$0.03 \$0.30 \$2.00 3 1/4 ft. \$0.12 \$1.20 \$8.50  
2 ft. .05 .50 3.50 4 ft. .15 1.50 11.00  
2 1/2 ft. .07 .70 5.00 5 ft. .22 2.20 16.00  
3 ft. .10 1.00 7.00 6 ft. .24 2.40 18.00

**Square Green Dahlia Stakes.** Tapering. Extra heavy, black tip.  
Each Doz. 100 Each Doz. 100  
4 ft. \$0.24 \$2.40 \$18.00 6 ft. \$0.36 \$3.60 \$28.00  
5 ft. .33 3.30 25.00

**Wire Stakes for Roses.** No. 9 galvanized wire.  
Doz. 100 1000 Doz. 100 1000  
3 ft. \$0.25 \$1.40 \$13.00 4 1/2 ft. \$0.40 \$2.20 \$20.00  
3 1/2 ft. .30 1.55 14.00 5 ft. .45 2.25 21.50  
4 ft. .35 1.80 17.00 5 1/2 ft. .50 2.75 25.50

**STAKE FASTENERS.** Galvanized, rust-proof wire. Hold the stakes and cross wires firmly. Better than string.  
Eureka. Small and light. 100 1000  
Everlasting. Heavier and stronger than Eureka. .65 4.50

**SYRINGES.** Brass. See page 133.

**TAPE FOR ASPARAGUS OR CELERY.** Red or blue in spools of 1000 yds. each 4.00

**TARRED LATHING.** For making mats or tying shrubs. By the coil of 50 or 100 lbs., 15c. 20

**THERMOMETERS.** Every home, office and greenhouse needs them. Each  
Brooder and incubator \$0.75

**Fancy Wood Back.** For house use, assorted shapes and finishes on oak, spruce, silvered or oxidized brass scale. 5 in. each. .60

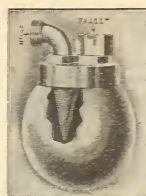
**Hotbed and Mushroom.** Wood frame, brass scale and point. Magnifying measure tube. 3.00

**Japanned Tin.** (Wildner's) Guaranteed accurate. Heavy, and substantially made.

Size Each Doz. Size Each Doz.  
6 in. \$0.45 \$4.80 10 in. \$1.15 \$13.20  
7 in. .80 9.60 12 in. 1.35 15.60  
8 in. .90 10.20

**Self-Registering.** Maximum and minimum degree of heat or cold during day or night. Magnet and instructions with each. 5.00

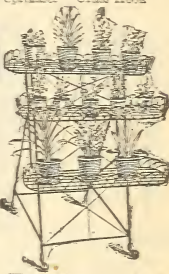
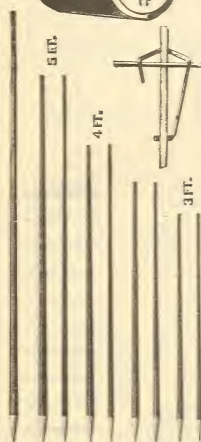
**Window.** Heavy metal scale, slotted to allow light around and through the tube to make reading easy. Large alternating figures. 5 in. each 1.25



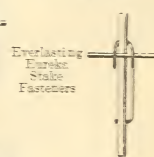
Barrie Soap Mixer



Garden City Lawn Sprinkler Lawn King Grass Hood

Wire Folding Plant Stand  
See page 145

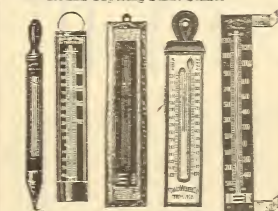
Round Tapering Plant Stakes



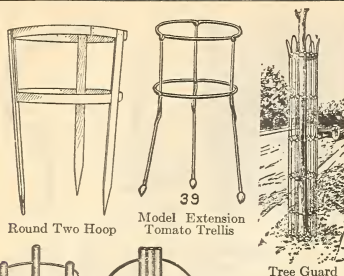
Everlasting Eureka Stake Fasteners



Spade

Hotbed Tin Case Fancy Self-Registering Window  
Wildner Thermometers for every purpose

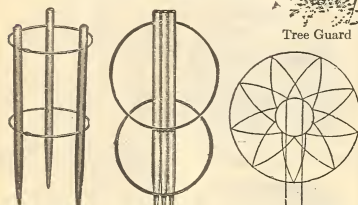
Tree Scraper



Round Two Hoop

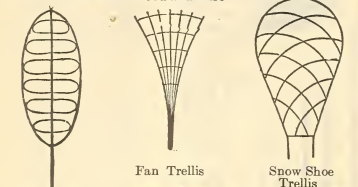
Model Extension  
Tomato Trellis

Tree Guard



Ready for Use, Folded for Winter  
Tomato Trellis of Wood and Wire

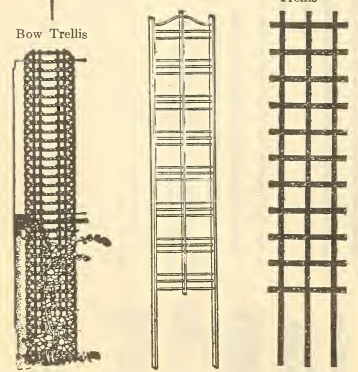
Round Ivy Trellis



Bow Trellis

Fan Trellis

Snow Shoe  
Trellis



Cyclone Double  
Trellis

Pea Vine

Veranda  
Trellis

Trellis Wire

Lattice  
Trellis

SUNDRIES—Continued

TINFOIL FOR BOUQUETS.

Plain. Lb. 30c.; Colored, lb. . . . . \$0.60

**TOMATO TRELLISES or PEONY SUPPORTS.** By supporting the plants less ground space is required, the fruit will ripen better and less will spoil. As Peony supports they keep the flowers out of the dirt. Simple to use, durable, and pleasing in effect.

**Model Extension.** 36 in. high, 14 in. diameter. Made of heavy galvanized wire. Use them also in your vegetable garden. Easily knocked down for winter storage. Each 40c., doz. . . . . 4.00

**Square Wood.** Of seasoned hardwood with four turned uprights and dowels. 32 in. high, 17 in. square. Each 40c., doz. . . . . 3.80

**Wood and Wire.** Three turned hardwood uprights and two wire hoops. 32 in. high, 18 in. diameter. Each 40c., doz. . . . . 4.00

**Wood.** Round with two hoops securely fastened to three flat uprights. 30 in. high, 16 in. diameter. Each 25c., doz. . . . . 2.00

**TORCH, Asbestos.** May be attached to any pole of suitable length. Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Each. . . . . .50

**TREE GUARDS, "Rust Proof."** Galvanized with No. 9 horizontal and No. 8 vertical wires. Fasten round the tree by means of hooks and eyes. Coil springs prevent chafing. Mesh 2 by 12 inches, allowing free access of sun and air. 6 feet tall, 6 inches in diameter. Doz. \$20.00, each. . . . . 2.00

**TREE SCRAPER.** Best steel. P.P. Wt. 2 lbs. Each. . . . . 1.00

**TRELLIS.** No charge for crating.

All Wire. Painted green. See opposite page.				Price			
Height	Width	Price	Height	Width	Price	Height	Width
5 ft.	12 in.	\$2.50	10 ft.	18 in.	\$5.25		
6 ft.	12 in.	3.25	12 ft.	18 in.	6.25		
8 ft.	18 in.	4.50					

Arches, All Wire. Painted green. See opposite page.

Height	Width	Span	Price	Height	Width	Span	Price
5 ft.	12 in.	2 1/2 ft.	\$7.75	8 ft.	18 in.	4 ft.	\$12.75
6 ft.	12 in.	2 1/2 ft.	10.25	8 ft.	36 in.	4 ft.	24.50

**Bow Trellis.** Rattan on wooden sticks. For Ivies. Painted green.

No.	Size	Each	Doz.	No.	Size	Each	Doz.
No. 2	30x14 in.	\$1.40	\$14.00	No. 3 1/2	42x14 in.	\$1.80	\$18.00
No. 3	36x12 in.	1.50	15.00	No. 5	60x18 in.	2.20	22.00

**Fan Trellis.** Wooden, painted green. Popular for Roses.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
1 1/2 ft.	8 in.	\$0.40	\$4.00	4 ft.	27 in.	\$2.20	\$22.00
2 ft.	10 in.	.60	6.00	5 ft.	32 in.	2.70	27.00
1 1/2 ft.	13 in.	.80	8.00	6 ft.	38 in.	3.20	32.00
3 ft.	16 in.	1.40	14.00	7 ft.	42 in.	3.70	37.00
3 1/2 ft.	21 in.	1.60	16.00	8 ft.	46 in.	4.20	42.00

**Ivy Trellis.** Wire, painted green.

**Round.** 14 in. 35c., 20 in. 40c., 24 in. . . . . .60

**Snow Shoe.** 14 in. 30c., 20 in. 40c., 24 in. . . . . .50

**Lattice Trellis.** Wooden, painted green. Especially appropriate for stucco houses.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	18 in.	\$3.00	\$30.00	10 ft.	18 in.	\$5.00	\$50.00
7 ft.	18 in.	3.50	35.00	11 ft.	18 in.	5.50	55.00
8 ft.	18 in.	4.00	40.00	12 ft.	18 in.	6.00	60.00
9 ft.	18 in.	4.50	45.00				

**Veranda Trellis.** Wooden, rattan cross bars, painted green. Suitable for all climbers. The smaller sizes are especially for house plants.

Height	Each	Doz.	Height	Each	Doz.
2 ft.	\$1.10	\$11.00	4 ft.	2.50	25.00
3 ft.	1.40	14.00	5 ft.		

**Veranda Trellis. Extra Wide.** Wooden, rattan cross bars, painted green.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	28 in.	\$3.80	\$38.00	10 ft.	31 in.	\$6.50	\$65.00
8 ft.	28 in.	5.20	52.00	12 ft.	36 in.	7.80	78.00

**Cyclone "Rust-Proof" Trellis.** For vines of every variety. Used singly, or, if desired, several lengths can be used together side by side, making any width—either up or down or across the veranda or house. May be used for arches.

Whole rolls of 165 ft. at 2c. less per ft.

**L-xtra or Double.**

18 in. wide, 14c. per linear ft.; 24 in., 16c. per linear ft.; 30 in. 18c. per linear foot.

**Brackets for supporting.** Use one pair each top and bottom and wire will hang 7 in. from wall. Pair 25c.

**Trellis Wire for Peas, Tomato Vines, etc.** Indispensable in any well-kept garden, taking the place of brush that is so difficult to secure in most places. Can be rolled up and stored for use year after year. Made of the best galvanized wire, 2-inch mesh, 10 feet long and 48 inches wide. Fitted with stakes 5 1/2 feet long at either end and in the center, 1 1/4 inches square are beveled at the lower end to make hanging easy. The lower portion is treated to prevent decay while the part above ground is painted green. Per doz. lengths \$18.00, each 10-ft. length \$1.75.



## SUNDRIES—Continued

TROWELS. P.P. Wt. of any 1 lb.	Each
English Pattern. Handle 20 in. long, heavy steel, each	\$0.50
Ordinary Riveted. Bright blades. 7 in. doz. \$2.50, each 25c.	
6 in. doz. \$2.00, each 20c.; 5 in. doz. \$1.70, each	.15
Solid Florist. Bell metal, 6 in. doz. \$3.00	.30
Solid Forged Steel. Blade and shank of one piece forged like a	
mason's trowel. Very high grade. 7 in. 75c., 6 in. 70c., 5 in.	.65
Solid Steel Garden. Heavy, one piece. 6 in. doz. \$3.60, each	.35
Transplanting. Narrow blade. Can be used as a weed digger.	
7 in., doz. \$2.70, each 25c.; 5 in. doz. \$2.00, each	.20

TUBS. See page 144.

## TWINE.

Green Sea Island, per doz. balls \$1.00, 1-oz. balls	.10
Soft Jute, 2, 8, or 4 ply, per doz. balls \$2.00, 1-lb. balls	.25
Soft Jute, 2 ply, many ends for tying vegetables, 25 lb. reels	
28c. lb., 50 lb. reels	.26
Hard Strong Tying, No. 15 or 36, per doz. balls \$4.20, 1-lb. balls	.40
White Cotton, per doz. balls \$2.00, 8-oz. balls	.20
Marline, Tanned, in 1 lb. or 2 lb. balls, per lb.	.25
Lath yarn for tying mats, 20c., coils of 25, 50 or 100 lbs.	.18

VASES, Fibre. See page 145.

## WATERING POTS.

Common. Galvanized. Made extra strong, carefully braced.	
16 qt. \$2.25, 12 qt. \$1.50, 10 qt. \$1.20, 8 qt. \$1.05, 6 qt. 90c.	
4 qt.	.75
Florists' Galvanized Iron. The best florists' watering pot	
made. An iron band at the bottom; handles, braces and spouts	
riveted on and galvanized after it is made. A fine and fine	
copper faced rose with each pot. Extra roses, each 75c.	
Capacity Spout Each Capacity Spout	
6 qt., 21 in. \$4.25 10 qt. 25 in. 5.25	
6 qt., 23 in. 4.75 12 qt. 25 in. 5.75	
English Pattern Japanned. Heavy tin. One round copper-	
faced rose with No. 1, 3 qt. pot; one round and one oval rose	
with each of the larger sizes	
No. 1, 3 qts. \$3.00 No. 4, 5 qts. 7.25	
No. 2, 4 qts. 6.00 No. 5, 10 qts. 8.50	
No. 3, 6 qts. 6.75	

French. Brass handle. Made of galvanized iron; oval in shape, with brass handle and long spout and one coarse copper face rose with each. 10 qt. \$6.00, 8 qt. \$5.50, 6 qt. 5.00

Long Spouts, Japanned Green. For house plants. Tin, 4 qt. \$1.25, 2 qt. 95c., 1 qt. .85

**WATER TRUCK AND HAND CART COMBINATION.** See also page 139. Adapted to a wide variety of purposes, as the units are detachable and readily adjustable. Barrel with a pair of trunnions attached can be instantly picked up by merely raising and lowering the truck handles. The weight being evenly balanced over the axle no tedious lifting or down pressure is necessary during transportation. Barrel sliders can also be moved safely. With the box attached it will be converted into a handy dumping cart. The leaf rack is especially convenient for carrying leaves and other litter.

Barrel, measuring about 37x23x8 inches	8.00
Box, measuring about 37x23x8 inches	6.50
Leaf Rack, capacity about 15 bushels	12.00
Truck with one pair of trunnions, wheels about 30 in. diameter, 2 in. tires, width over all about 40 in., length over all about 70 in. "Man size"	16.50
Extra trunnions, per pair	1.00

## WEED KILLERS.

Erado. By this cane-like tool, holding about two quarts, a killing solution, like gasoline or carbon bisulphide, is dropped into the heart and the plant is killed. Iron \$1.25, brass 1.75	
Wikeham. Imported. Brass, fringed, 36 in. long, cane-like. Inject a killing solution and kill weeds permanently without injury to the surrounding grass	3.00

## WEEDERS.

Eureka. 3 long steel fingers. None better. Postpaid, 60c	.55
Long Handle. 4 ft. 7 in. Sure to be popular. 75c	.75
Excelsior. 5-fingered weeder. Postpaid, each 25c., each	.20
Garden Weeding Fork. Malleable, 3 times. Postpaid 25c	.20
Gem Weeding. Best quality, 3 times. Postpaid 55c	.50
Hazeltine. Spring steel. Popular dose \$3.00	.30
Lang's. A great favorite. Doz. \$2.50	.25
Magic Weeder Hoes. Strong and durable, spring teeth.	
Short Handle. 3 teeth, 20c.; 4 teeth, 35c.; 4 teeth, 1 1/2 in. blade on back	.45
Long Handle. 4 teeth, 3 in. blade on back \$1.10; 4 teeth only	.90
Noyes. Diamond shape. Doz. \$2.70	.25

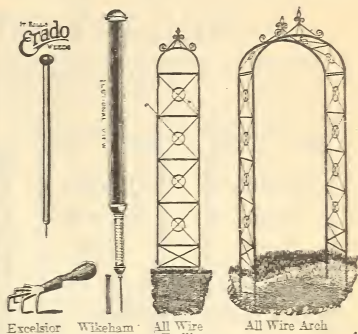
**WHEELBARROWS.** These are strong and roomy, for general use; frame of seasoned hardwood, iron hub wheel, steel axle, painted green.

		Front	Rear	Depth	Weight	
No. 4	Medium	15 in.	23 in.	12 in.	45 lbs.....	8.00
No. 5	Large	19 in.	24 in.	12 in.	50 lbs.....	8.50

WINDOW BOXES. See page 144.

## WIRE.

Bright Annealed Tying. Nos. 18, 19 and 20, per stone	1.25
Galvanized. No. 18, about 2000 ft., No. 20, about 3700 ft. Per stone of 12 lbs.	2.00



Excelsior Weeder Wikeham Weeder All Wire Trellis All Wire Arch



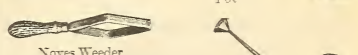
Solid Forged Steel Trowel Transplanting Trowel



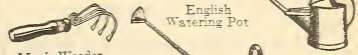
Ordinary Trowel Eureka Weeder



Hazeltine Weeder French Watering Pot



Noyes Weeder English Watering Pot



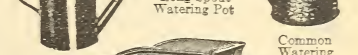
Magic Weeder Florists' Watering Pot



Lang's Weeder Long Spout Watering Pot



Common Watering Pot Wheelbarrow



Water Truck and Hand Cart

## POULTRY SUPPLIES AND FEEDS

The prices in this catalog are necessarily those in effect at the time its several pages go to press and are as correct as possible, but are **subject to change without notice**. All prices are f.o.b. Boston.

We will mail any of the following that we can, provided postage is remitted with order. Liquids and poisons marked with an asterisk (\*) are unavailable. See Parcel Post rates.



High quality in poultry feed should mean much more to you than low prices. Our poultry feeds are quality feeds. The splendid reputation we enjoy for **seeds, bulbs and plants** is equally good for poultry supplies and poultry feeds. Try them and be convinced.

Owing to continual fluctuations of the market, we have omitted many prices. Prices quoted on application.

**Quality Mash Feed** Protein, not less than 20 per cent.; fat, not less than 4 per cent.; fiber, not more than 10 per cent. Ingredients: Corn meal, wheat bran, ground oats, wheat middlings, alfalfa meal, beef scraps, gluten, charcoal, oil meal. This mixture has stood the test for over six years without a change of formula. It is blended from only the best of grains.

**Quality Chick Feed** Composed largely of cracked wheat and oats. A very small proportion of corn is used, as we believe too much corn is a detriment to a young chicken's development. It contains not an ounce of anything but pure grains.

**Quality Intermediate Chick Feed** Same as the chick feed only not ground quite as fine.

**Beef Scraps** We consider ground beef scraps almost indispensable for making hens lay during the Winter. Feed at least three times per week once ounce for each fowl, mixed with the daily mash.

### Conkey's Buttermilk Starting Food



With a bag of Conkey's Buttermilk Starting Food on hand you are always sure that you have enough good buttermilk ready for your chicks. It contains pure buttermilk, reduced to a dry, powdered form, with its valuable lactic acid that helps the delicate digestive organs of the little chick.

Mixed with it is a combination of clean, wholesome grains, a ration balanced just right for baby chicks. It is the ideal baby chick food from every standpoint—the only baby chick food with buttermilk in it because Conkey controls the patent for extracting the great mass of water from the original buttermilk. Yoy pay for the actual buttermilk only, not for waste water. Packed in original 5-, 10-, 25- and 100-lb. bags.

PRICES, SPRATT'S PATENT FEEDS: 10 lbs. \$1.25, 25 lbs. \$2.75, 50 lbs. \$5.00, 100 lbs. \$9.00.

**SPRATT'S PATENT CHICK MEAL NO. 5 AND CHICK MEAL NO. 12.** This is a substitute for insect life, in addition to its other advantages. Its use reduces mortality to a minimum, saving ten times its cost and frequently the crown of the flock.

**SPRATT'S PATENT PHEASANT FOOD NO. 3.** For adult birds.

**SPRATT'S PATENT PHEASANT MEAL NO. 5.** For young pheasants.

**Quality Scratch Feed** Contains various cracked grains so blended as to give the fowl the right proportion of each grain to produce the condition that will give the user the eggs. This mixture contains but a small amount of Corn.

**Quality Growing Feed** Blended from the developing grains and ground into a mash. Protein, 12 to 14.50 per cent.; fat, 3.50 to 4.50 per cent.; fiber, not over 9 per cent. Ingredients: Ground corn, ground barley, cotton seed, wheat mixed feed, rye shorts. We know from experience that it will start your pullets laying from 4 to 6 weeks earlier than so-called forcing feeds.

**Quality Pigeon Feed** Our peas in this mixture are grown especially for us and are small and plump. As our other mixtures, this is blended for development and growth.

### Conkey's Buttermilk Laying Mash

To produce eggs in abundance, the flock must have a balanced ration consisting of a dry mash, a good scratch grain mixture, and a regular supply of green stuff. This is balanced for laying hens. It consists of corn meal, corn feed meal, ground barley, wheat bran, wheat middlings, oil meal, bone, meat scraps—an honestly prepared egg producing ration—clean and uniform. The ingredients of this original buttermilk laying mash are so blended as to tempt the hen's appetite. Briefly it is clean, wholesome, uniform—dependable. Packed in original 100-lb. bags, but we can supply little or much, as desired.



The ingredients of this original buttermilk laying mash are so blended as to tempt the hen's appetite. Briefly it is clean, wholesome, uniform—dependable. Packed in original 100-lb. bags, but we can supply little or much, as desired.

**SPRATT'S POU LTRY FOOD NO. 3.** A cooked food. The best and cheapest on the market. Prepared strictly according to modern, scientific methods and is the result of exhaustive experiments. It is neither a medicine nor a condiment, but a well-balanced ration, specially prepared to produce eggs. It doubles the egg production, improves the quality and flavor of the egg, enriches the color of the yolk, increases the number of fertile eggs and strengthens the germ.

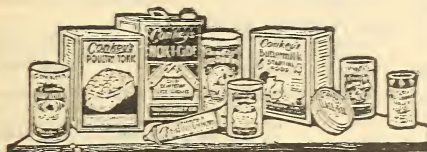


## Bird Seeds, Gravel, Grit and Charcoal

Be sure to add postage at zone rates if wanted by mail. See third cover page.

**Lb. 15c., 2 lbs. 25c., 10 lbs. \$1.00.**  
**CANARY.** Selected Sicily.  
**CANARY AND RAPE.** Mixed.  
**HEMP.** First quality Russian.  
**MILLET.** Choice.  
**RAPE.** Sweep Spring or German. Small seeded.  
**ROUGH RICE.** Unhulled or Paddy.  
**SUNFLOWER.** Mammoth Russian. Large, plump seed.  
**PARROT SEED.** Mixed.

**BIRD GRAVEL.** 2 lb. 10 oz. pkg. 15c.  
**MICA SPAR GRIT.** Has a sharp retained edge, thereby insuring perfect cutting and grinding.  
**CHICK AND HEN SIZE.** 5 lbs. 15c., 10 lbs. \$1.50.  
**POULTRY CHARCOAL.** You cannot afford to be without charcoal. It absorbs dangerous elements from the fowl's system and prevents many sicknesses. Coarse, medium and very fine. 5 lbs. 15c., 10 lbs. 60c.  
**OYSTER SHELLS.** Re-cleaned Baltimore shells. Contain no dust. Chick and hen sizes.  
**5 lbs. 15c., 25 lbs. 50c., 50 lbs. \$1.00, 100 lbs. \$1.50.**  
**\*WATER GLASS.** For preserving eggs.  
 Gal. 90c., qt. 35c.



## POULTRY REMEDIES

## Conkey's Reliable Remedies

**CANKER SPECIAL.** Checks cankerous growths and sores. Use it also at shows for colds. 50c., postpaid.  
**CHICKEN POX.** Sore Head. Attacks the trouble from two angles—a powder for the blood and a salve for rubbing on sores. 25c., 50c., postpaid.  
**CHOLERA REMEDY.** Diarrhea, a drowsy, listless appearance, and great thirst—these are the signals to use this remedy in the drinking water. 25c., 50c., postpaid.  
**LICE POWDER.** For dusting hens, nests, growing chicks and for use wherever body lice must be overcome. 25c., 50c., postpaid.  
**\*NOX-I-CIDE.** Indispensable as a red mite destroyer. Spray daily when disease is present, and once a week as a preventive. As a veterinary wash or as a disinfectant, it is highly praised. Pt. 50c., qt. 50c., gal. \$2.00.  
**NOX.** A high-grade disinfectant in solid form. Use a little cube an inch square mixed in each gallon of water. No fuss and no bother—no waste—no guessing as to mixture. 30c., 60c., postpaid.  
**POULTRY TONIC.** By its use every bird from chick to maturity will be more productive, healthier and more profitable. Keeps the young chicks growing, makes molting easy, strengthens the bird for bad weather. Pkg. 25c., 50c., 12 lbs. \$1.60, 25 lbs. \$3.00, not prepaid.  
**ROUP PILLS.** For treating individual cases and for use at shows when birds develop colds. 30c., 60c., postpaid.  
**ROUP REMEDY Powder.** When birds begin to sneeze, forth in eyes, run at nose or show other symptoms of a "cold," put this Roup Remedy in the drinking water. Sick birds doctor themselves and others are protected from catching the disease. 30c., 60c., \$1.00; 5 lb. can \$6.00, postpaid.  
**SCALY LEG REMEDY.** Causes scales to drop off, restoring a healthy luster to the legs. 25c., postpaid.  
**WHITE DIARRHEA CURE.** As a preventive of bowel troubles and other digestive complaints, it has given great satisfaction for many years. 25c., 50c., \$1.20, postpaid.  
**WORM REMEDY.** Rids birds of many troublesome worms. 25c., 50c., postpaid.  
 Liquids and poisons marked \* cannot be mailed

## "Old Trusty" Dog Foods

**ALL TERRIER FOOD.** A greatly relished granulated food, not medicated or sweetened. 10 lbs. \$1.25, 25 lbs. \$2.50, 50 lbs. \$4.65, 100 lbs. \$9.25.  
**"TOP NOTCH."** A coarse, granulated food for large breeds. 10 lbs. \$1.25, 25 lbs. \$2.50, 50 lbs. \$4.65, 100 lbs. \$9.25.  
**"TIT BITS."** Granulated, without a doubt the supreme in dog foods. 10 lbs. \$1.25, 25 lbs. \$2.50, 50 lbs. \$4.65, 100 lbs. \$9.25.  
**PUPPY MEAL.** A finely granulated, well balanced food, not a puppy meal. Mixed with "Old Trusty Vi-Ti" finer and stronger puppies will result. 10 lbs. \$1.25, 25 lbs. \$2.50, 50 lbs. \$4.65, 100 lbs. \$9.25.  
**DOG CAKES.** Whole or broken. 10 lbs. \$1.10, 25 lbs. \$2.20, 50 lbs. \$4.20, 100 lbs. \$8.25.  
**PUPPY BISCUIT.** 10 lbs. \$1.25, 25 lbs. \$2.50, 50 lbs. \$4.65, 100 lbs. \$9.25.  
**VI-TI.** Will tend to eliminate in dogs and cats, lack of appetite, an anemic condition, listlessness, or lack of energy and vitality, indicating a run-down condition, and skin diseases due to disordered stomach. Small tin. 50c.; large tin. \$1.00.



**DR. HESS'S POULTRY PAN-ACEA.** 1 lb. 25c., 5 lbs. 75c., 12 lbs. \$1.50, 25 lbs. \$3.00.  
**DR. HESS'S LOUSE KILLING POWDER.** 1 lb. 25c., 3 lbs. 50c.  
**LEE'S EGG MAKER.** The perfect substitute for all other forms of meat food. Contains more digestible protein, costs less and goes further than beef scraps, bone or any other meat food. Used by big breeders everywhere. Equally valuable as a Winter food for hens, for all penned-up poultry and as growing food for chickens. 25 lbs. 40c., 50 lbs. 90c., 25 lbs. \$3.75.  
**\*LEE'S GERMOZONE.** A tonic and a bowel regulator. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls, it keeps them in prime condition. Water to be without Germozone. 4 ozs. 40c., 12 ozs. 75c., 32 ozs. \$1.50.  
**\*LEE'S LICE KILLER.** The original liquid lice killer with many imitations but no equal. Guaranteed better than any other. Strongest and best. Kills both by vapor and contact all vermin, whether on the walls of the poultry house or on the body of the fowls. Also a powerful disinfectant. Disease germs cannot live where Lee's Lice Killer is used regularly. 4 oz. 60c., 16 gal. 90c., 64 gal. \$1.50.  
**PRATT'S POULTRY REGULATOR.** A true tonic for all poultry. Tones up the egg organs. Puts poultry into condition for laying. Thus, Winter with its high prices, becomes the most profitable season of the whole year. Gives speedy, sound recovery from the moult, and develops pullets. 25c., 50c., \$1.75 and \$3.00.  
**\*PRATT'S POULTRY DISINFECTANT AND LIQUID LICE KILLER.** Qt. 70c., 1/2 gal. \$1.25, gal. \$2.00.  
**PRATT'S ROUP REMEDY** (tablets or powder). 50c., 60c.  
**\*COMMON SENSE RAT EXTERMINATOR.** Kills rats and mice under all conditions. They eat it in preference to any food. No odor or smell. It dries them up. Without doubt the greatest rat killer in the world. A trial package will convince you. 30c., 60c.



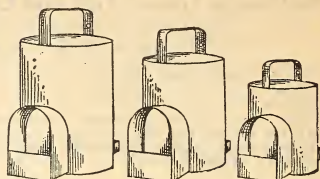
Star Fountain



Bottom-Fill Fountain



The Peerless



Poultry Wall Fountains

## DRINKING FOUNTAINS

**BOSTON WALL FOUNTAIN.** This is one of the best fountains made; will keep your birds supplied with clean water with very little trouble. Made of galvanized iron, double seamed; the favorite with the trade.

Qt. 50c., 2 qts. 60c., 4 qts. 80c., 8 qts. \$1.00.

**BOTTOM-FILL FOUNTAIN.** Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing. This fountain fills the breeder's needs for an inexpensive fountain. Made of the best grade of galvanized iron in three sizes.

Qt. 35c., 2 qts. 45c., 4 qts. 70c.

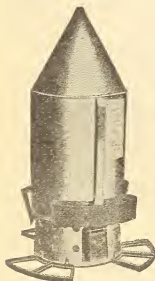
**THE DUPLEX.** The latest and most practical sanitary fountain on the market. This is a double fount; keeps the water clean and pure. Easy to fill, easy to care for. Made in two sizes, 4 and 8 qts. Try a Duplex.

4 qts. \$1.15, 8 qts. \$1.40.

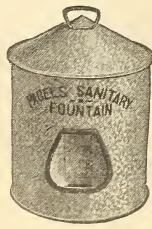
**NON-FREEZING SANITARY FOUNTAIN.** The simplest, handiest, and most practical fountain made. Keeps water warm in Winter and cool in Summer. Has no lamps to trim and no valves to get out of order; saves time, labor and worry and costs nothing to use. This fountain has been on the market for nine years, has been used by prominent poultry men throughout the country and has stood the test in all temperatures.

2 gals. \$3.75, 3 gals. \$4.25.

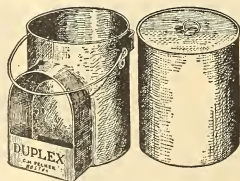
**THE NORWICH AUTOMATIC AIRFOUNTAIN.** The device is worked by atmospheric pressure and is absolutely perfect in its action. Contamination of water supply an absolute impossibility. Drinking cup always full and clean. No spilling of water, and no dampness in house or yard. Frost-proof to 10 degrees below zero. Burning base burns two weeks with one filling. Outside wick regulation. Wherever used, pronounced the most perfect fountain ever placed on the market. Made in one size only, 5 gallons capacity. Shipping weight, 14 lbs. Complete with burner base \$6.00; without burner base, \$3.50; base only, \$3.50.



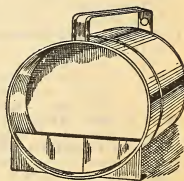
Norwich Automatic Fountain



Non-Freezing Fountain



Duplex Fountain



The Boston Wall Fountain

**THE PEERLESS.** The water is always pure. It is protected from dirt and filth. Easy to clean and fill and fowl cannot injure their combs when drinking. Simple in construction, durable and practical. It is adjustable. If it becomes too loose or too tight, spring the sides of the fountain in or out as it may require, until the bottom is a perfect fit.

5 qts. 90c., 10 qts. \$1.25.

**THE PEERLESS HEATER.** Fits any style or size fountain. Keeps the water from freezing in any temperature. Guaranteed to burn 120 hours with one filling. Made in one size only.

Each \$1.75.

**POULTRY WALL FOUNTAINS.** Made of galvanized iron and warranted tight. These fountains have a flat strap on back to prevent them from tipping when hung up.

½ gal. 60c., gal. 80c., 2 gals. \$1.00.

**SANITARY STONE DRINKING FOUNTS.** Easily kept clean; chicks cannot tip them over.

Qt. 50c., 2 qts. 65c., 4 qts. 75c.

**STAR JAR FOUNTAIN.** Will fit pint, quart or half-gallon Mason jar. Made of one-piece, non-rusting metal. Provides greater drinking surface than the round fountain. Used for feed as well as water. Each 10c.

For a thoroughly reliable book on poultry raising

We recommend

**PRODUCTIVE POULTRY HUSBANDRY**

Lewis

You should have it handy for reference.

There is no problem in any phase of poultry raising that is not thoroughly treated in this popular book of 574 pages, and illustrated in such a way as to be of interest and value to every man, woman or youngster with five or more chickens.

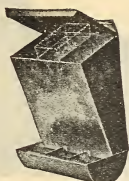
Postpaid, \$2.65.



## FEEDERS AND HOPPERS



Favorite Dry-Mash Hopper



Shell and Grit Box



1-2-3 Feeder



**CARTER'S SANITARY GREEN FOOD FEEDERS.** A steady diet of grain alone when hens are confined in pens or small yards is not satisfactory. They require some green food regularly. Every experienced poultryman knows this, but the old method of feeding Cabbages, Beets, Clover, etc., has been so wasteful and unsatisfactory that green food has been more or less neglected. It meets the needs of every poultryman. Made of strong, soft, fish-net twine. It lasts for years. Carter's Feeder keeps vegetables clean and high enough off the floor so the fowls get exercise while they eat. Price: 35c. each, 3 for \$1.00.

**DOUBLE CHICK FEEDERS.**

Size	Length	Price
No. 58	12 in.	\$0.45
No. 59	18 in.	.60
No. 60	24 in.	.70

**FAVORITE DRY MASH HOPPER.** The wire grid is raised or lowered as required for coarse or fine mash. The most distinctive feature about this favorite dry mash hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. 12 in., 12-qt. size, \$1.85; 18 in., 18-qt. size, \$2.50; 24 in., 24-qt. size, \$2.75.

**NORWICH CHICK FEEDER.** Galvanized. Can be used for feed, water or milk. 20 in. long. Each 75c.

**1-2-3 POULTRY FEEDER.** For dry mash, scraps, shells, grit, charcoal, or any poultry feed. When used for one kind of feed only, take out separator; for two kinds, put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders. Small 85c., large \$1.35.

**THE OVERALL SANITARY EARTHEN FEEDER**  
4 qt. 75c., 6-qt. \$1.00, 8-qt. \$1.25.

Carter's  
Sanitary  
Feeder

DOUBLE CHICK FEEDER



Carter's NORWICH CHICK FEEDER

**ROUND BABY CHICK FEEDER.** Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.  
No. 11—6 in. in diameter, 8 feeding holes, each 15c.  
No. 12—8½ in. in diameter, 12 feeding holes, each 25c.

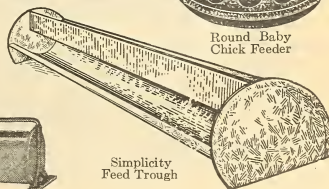
**SANITARY FEEDING TROUGHS.** Can be used for feed, wet mash or water. Barrel top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:  
No. 21—12 in. long. Each 40c.  
No. 22—18 in. long. Each 60c.  
No. 23—24 in. long. Each 75c.

**SEXTON'S DRY FEEDER.** Made of galvanized iron with swinging grid automatically holding in place until all is consumed; easily filled and rat-proof. No. 1, double size, \$1.85; No. 5, \$3.00.

**SHELL AND GRIT BOX.** For poultry and pigeons. Made of galvanized iron with hinged covers. No. 1, size, 3 compartments, about 2 qts. to each compartment. Each \$1.00; No. 2, size, 2 compartments, about 4 qts. to each compartment, each \$1.25.

**SIMPLICITY FEED TROUGH.** One of the best chick feeders made. 18 in. long, round bottom, a bar through the center; full length; 25 chicks can feed at once. Each 35c., doz. \$3.50.

**WATERPROOF SHEETING.** This processed cloth is excellent for using in the fronts of poultry houses where glass is sometimes omitted. Can be dropped down during severe weather and all the elements completely excluded. Durable and effective. Medium weight, 1 yd. wide. Brown White  
Per yd., when cut \$0.26 \$0.30  
Per yd., in 60-yr. bolts .24 .28

Round Baby  
Chick FeederSimplicity  
Feed Trough**BABY CHICKS**

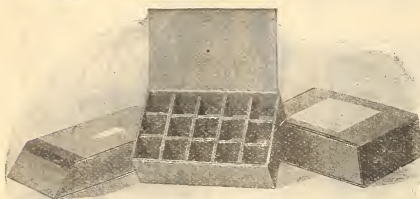
Bear in mind that we are large dealers in baby chicks, of all breeds. Our customers of these New England hatched chicks have been uniformly satisfied. Ask for information for 1924.



## EGG BOXES, LEG BANDS, Etc.



Aluminum  
Leg Band  
with  
celluloid  
numbers



The Popular Anderson Egg Box

**ANDERSON EGG BOX.** Corrugated paper, with double-faced corrugated partitions protecting each individual egg, folded flat in shipment. No. 3, 1 setting, doz. **\$2.65**; No. 4, 2 settings, doz. **\$3.95**; No. 5, 50-egg, doz. **\$5.35**; No. 6, 100-egg, doz. **\$6.50**.

**COMMERCIAL EGG BOX.** Ideal for handling retail egg trade; attractive, with the minimum amount of trouble for the seller. They knock down very compactly. One dozen size: Doz. **20c.**, 100 **\$1.40**.

**METAL EGG CRATES.** The only practical way to ship eggs by Parcel Post. Endorsed by thousands of users. The patented fillers reinforced with metal insure safety and durability. The reversible address card provides for going and returning addressed.

Capacity	Wt. Empty	Each
18 eggs	3 lbs.	<b>\$1.25</b>
24 eggs	3 lbs.	<b>1.50</b>
36 eggs	4 lbs.	<b>1.75</b>
48 eggs	5 lbs.	<b>2.00</b>
72 eggs	6 lbs.	<b>2.50</b>

**PARCEL POST EGG BOX.** This is a double corrugated box, unique in construction and insures safe arrival of eggs regardless of distance. 12-egg size, doz. **\$1.30**; 24-egg size, doz. **\$2.00**; 3 doz. size, doz. **\$2.80**, 4 doz. size, doz. **\$3.20**, 5 doz. size, doz. **\$3.65**.

### Leg Bands and Punches

**ADJUSTABLE ALUMINUM LEG BANDS WITH CELLULOID NUMBERS.** Per 25, **50c.**; 50, **\$1.00**; 100, **\$1.75**.

**CELLULOID LEG BANDS.** All the different colors. Celluloid leg bands are easily applied, and by far the best band used for designating old from young fowl, as the different colors can be seen from a distance. When ordering, please name the variety of poultry for which they are intended and we will then be in a position to give you the proper size band. Sizes: Asiatic, American, Mediterranean, Bantam, Pigeon and Baby Chicks. Poultry size: Doz. **15c.**; 25, **30c.**; 50, **50c.**; 100, **80c.**; 500, **\$3.75**; 1000, **\$7.00**, postpaid. Pigeon and Baby Chick size: 12 bands, **10c.**; 25 bands, **20c.**; 50 bands, **35c.**; 100 bands, **50c.**; 500 bands, **\$2.25**; 1000 bands, **\$4.00**.

**DOUBLE CLINCH LEG BANDS.** Made of aluminum with large, raised numbers. Easily read. Per 25, **25c.**; 50, **45c.**; 100, **80c.**

**POULTRY PUNCHES.** The Petty Poultry Punch for marking chicks by punching the web of the feet is made of steel, nickel plated. It is substantially made, cuts a clean hole and is convenient to use. Each **25c.**

### Baby Chicks ready for shipment in the Master Breeders' Chick Box

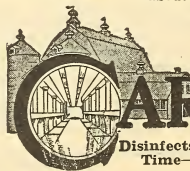
The favorite box for shipping baby chicks either by Parcel Post or express. Their use assures safe arrival. Corrugated, the cover and body of each with ventilating holes. To hold 25 chicks, doz. **\$2.00**; for 50 chicks, doz. **\$2.50**; for 100 chicks, doz. **\$3.75**.

**MOE'S OAT SPROUTER.** Provides the very necessary green feed at all seasons that means healthy chickens and more eggs. Has six heavy, galvanized, interchangeable pans. Five of them have perforated bottoms for drainage and the bottom pan is solid to hold the drippings. Sectional steel frame can be quickly taken apart to store in a small space. **\$6.00**.

**"O. K." POULTRY LITTER.** One of its most important advantages is the fact that, when directions are followed, you need only clean your pens once in three to six months. This will almost seem impossible to



the average breeder, as he knows that with ordinary litter or with his dropping boards, that the house should be cleaned every day. But it has been demonstrated to be true because of its absorbing qualities and disinfectant properties. Bale, about 185 lbs., **\$4.00**.



**Disinfects and Paints at the Same Time—Saving Labor, Money and Time**

A two in one—a paint and a disinfectant. Not a whitewash or a kalsomine, but a finely-powdered mineral pigment, as used by many paint makers, combined with a germicide 20 times stronger than pure carbolic acid—but neither poisonous nor caustic. Carbola dries out a clear snow white—not dark or colorless. It stays white and it has no disagreeable odor. Carbola paints and disinfects at one operation, with the same labor and in the same time required to whitewash or disinfect only. Lb. **30c.**, 5 lbs. **75c.**, 10 lbs. **\$1.25**, 50 lbs. **\$5.00**.

### INCUBATOR AND BROODER THERMOMETERS

**Buckeye Incubator.** Accurate and reliable. With holder that permits it to be placed right for easy reading. Each **\$1.00**; extra holders **15c.**

**Brooder.** Mounted on wood. Can be used with any brooder. A fine instrument that will give satisfaction. Each **75c.**



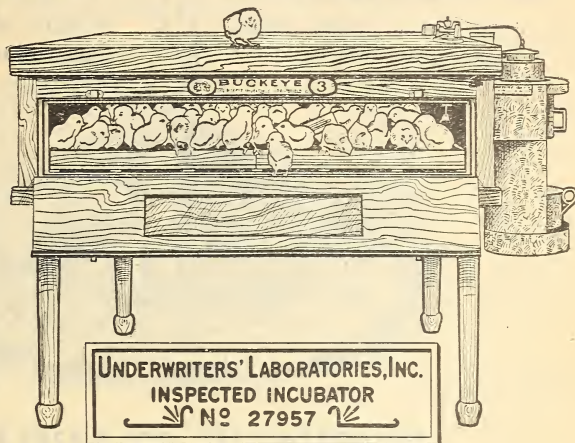
# "BUCKEYE" Incubators

## NO PREVIOUS EXPERIENCE NECESSARY

It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.

### PRICES

No. 1 Standard 110 egg	\$37.50
No. 2 Standard 175 egg	44.50
No. 3 Standard 250 egg	57.75
No. 4 Standard 350 egg	68.00
No. 5 Standard 600 egg	107.00



Every machine bears this label.

All Buckeye Standard Incubators have double walls and copper tanks throughout.

Buckeye Incubators are so well known and have given such universal satisfaction, that a long description is hardly necessary. The name "Buckeye" represents service, and a guarantee which is hard to beat. The Buckeye is guaranteed to hatch more chicks and stronger chicks than any other incubator. It is further guaranteed to require no artificial moisture to operate satisfactorily in any temperature down to freezing, and requires no attention to the regulator from the time the hatch is started until it is finished.

The perfect construction of all its mechanical parts is also guaranteed, and any incubator or part thereof that does not fulfill our guarantee in every way, will be replaced without question any time within forty days.

The agricultural colleges and experimental stations throughout the United States are almost a solid unit

in their selection of the Buckeye—which fact in itself is the highest tribute that could possibly be paid to any agricultural device. The men in charge of such institutions are invariably selected because of their wide experience and expert knowledge—and their opinions count for something.

It is no longer considered a feat to build an incubator that will hatch "some" chickens from "some" of the eggs placed in it (there are many such incubators on the market), but the truly successful incubator is the machine that will hatch a chicken from every hatchable egg—the vigorous kind of chicks that start to grow the moment they are hatched, and continue to grow without forcing or doctoring.

That's the kind of hatches the Buckeye produces. Buy a "Buckeye."

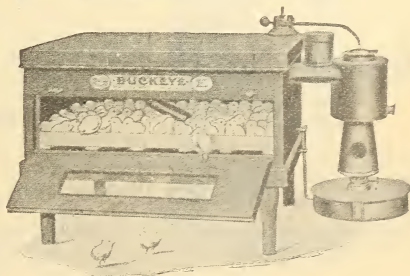
## Buckeye "Style E" Incubators

	Capacity	Price
No. 14	65 eggs	\$16.50
No. 16	120 eggs	27.50
No. 17	210 eggs	36.75

This incubator is especially adapted for use by the small producer. It has all the equipment of the larger machines and will hatch just as many high quality chicks as the larger sizes.

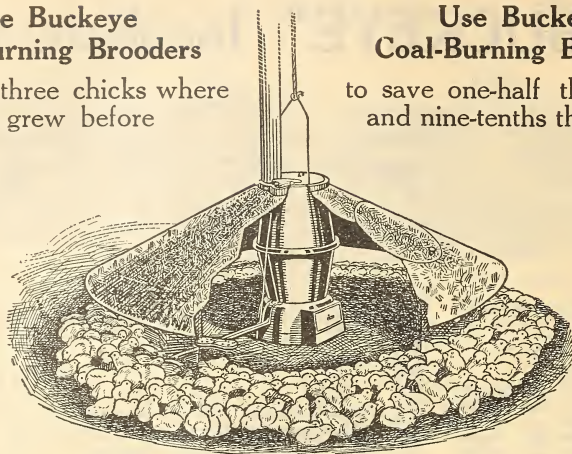
### BUCKEYE GUARANTEE

This Buckeye Incubator is guaranteed to hatch every hatchable egg, and we further guarantee the perfect working of all its mechanical parts. Should the incubator fail to fulfill our guarantee in any particular, it may be returned to us at our expense (via freight) any time within 40 days after its receipt, and we will send the purchaser a new incubator in exchange.



**Use Buckeye  
Coal-Burning Brooders**  
and grow three chicks where  
one grew before

**Use Buckeye  
Coal-Burning Brooders**  
to save one-half the expense  
and nine-tenths the trouble



## BUCKEYE STANDARD COAL-BURNING BROODERS

Acknowledged by all poultry raisers throughout New England to be the *best brooding device* known for chickens, without any exception.

We have sold these brooders for a number of years, and have yet to hear of a single complaint in any way.

The Standard Coal-Burning Colony Brooder is made by the Buckeye Incubator Company, in 3 sizes:

### Brooder No. 18

Capacity up to  
500 chicks

Height of stove.....	20 in.	Diameter of grate.....	8¼ in.
Diameter of base.....	11 in.	Diameter of canopy.....	42 in.
Stove equipped with rocker grate, self-cleaning and anti-clog.			
Equipment includes rope and pulleys for canopy.			
Weight—crated for shipment, 75 lbs.			
<b>Price, \$21.50</b>			

### Brooder No. 19

Capacity up to  
1000 chicks

Height of stove.....	21½ in.	Diameter of grate.....	9 in.
Diameter of base.....	12 in.	Diameter of canopy.....	42 in.
Stove equipped with rocker grate, self-cleaning and anti-clog.			
Equipment includes rope and pulleys for canopy.			
Weight—crated for shipment, 95 lbs.			
<b>Price, \$26.50</b>			

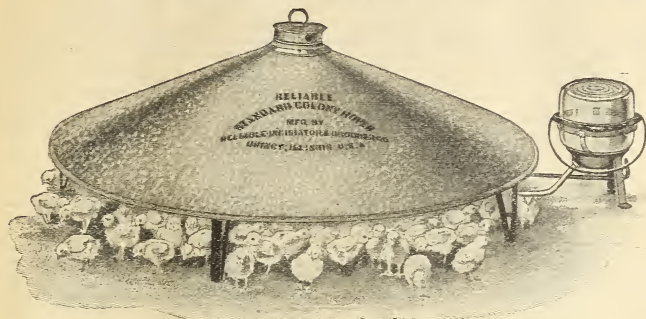
### Brooder No. 25

Capacity up to  
1200 chicks

Height of stove.....	24 in.	Diameter of grate.....	10 in.
Diameter of base.....	14 in.	Diameter of canopy.....	56 in.
Stove equipped with rocker grate, self-cleaning and anti-clog.			
Equipment includes rope and pulleys for canopy.			
Weight—crated for shipment, 109 lbs.			
<b>Price, \$30.00</b>			



## Reliable Standard Blue Flame Wickless Oil Heated Colony Hover



### OUR GUARANTEE

We guarantee that this Hover will do all we claim for it, or the Hover may be returned by purchaser within 30 days and we will refund the money.

These hovers have the same chick capacity as the coal-burning brooders. They are made of galvanized steel, have double galvanized steel legs and have a capacity of from 250 to 500 chicks, according to the size of the hover, which is made cone-shaped, so that it radiates the heat over the chicks' backs to every part.

There is furnished with each hover a 1-gallon self-feeding oil container, which requires very little attention as it is equipped with a safety valve to which an automatic regulator is attached.

The ventilator on the top of the cone of the hover lets out all foul air made by the chicks.

We have sold these brooders for the past four years and can highly recommend them as one of the best on the market. The number of satisfactory reports which we have received from our customers using these brooders, has been so large that we are now buying them in carload lots. They are sold on an 'absolute guarantee or money refunded'.

These brooders come in three sizes, as follows:

No. 0, 250 chick size.....\$17.50 No. 1, 350 chick size.....\$18.50 No. 2, 500 chick size.....\$21.50

## The New 1924 Reliable Standard Coal-Burning Colony Brooder

### Specifications of the Reliable Standard Coal-Burning Brooders

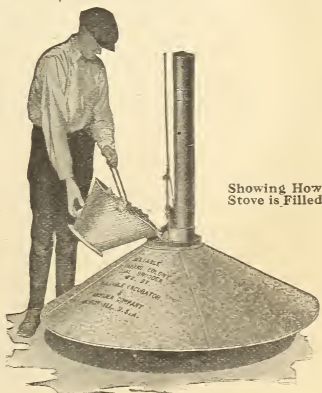
**Stove.**—Solid gray iron castings throughout. Fireproof base with corrugated asbestos pad attached to lower plate and 1-in. air space between pad and the floor.

**Grates.**—Rocker furnace type made of solid castings. Outside clearance, free burning. Self-cleaning and will not clog.

**Check Valve.**—Hung on knife-edge bearings opening outward, thereby producing inward suction from outside atmosphere pressure.

**Regulator.**—Two double disc thermostats, tandem hitched, supported on substantial casting that is bolted solidly to stove. Lower arm movable and attached to check valve by substantial iron rod. Chicken-proof, accurate and positive.

**Hover.**—Galvanized steel mounted on a substantial ring casting that rests on top of stove. Molded to fit and cannot be displaced. Is constructed to throw the heat evenly to all parts and is self ventilating and built to give service. Furnished complete with rope and pulleys for quick attachment.



Showing How Stove is Filled

### Prices of the Reliable Standard Coal-Burning Brooder

We Do Not Furnish Pipe

No.	Size of Canopy	Capacity	Height	Diameter of Cylinder	Diameter of Grate	Shipping Weight	Price Complete
9.....	42 inch	500 or less	22 inches	10 inches	9 inches	80 lbs.	\$21.50
10.....	52 inch	1000 or less	26 inches	13 inches	11 inches	106 lbs.	26.50

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# General Instructions for Customers

(PLEASE READ CAREFULLY)

We deliver free by Express or Parcel Post (our option) to any Freight Station,  
Express Office or Post Office in U. S.

## VEGETABLE SEEDS and FLOWER SEEDS

quoted in this catalogue by the packet, ounce and quarter-pound

**PURCHASER PAYS TRANSPORTATION** on Trees, Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; Bulbs except where specified

**ORDERS** received by Fottler, Fiske, Rawson Co. will be filled to the best of our ability, subject to harvest of crops, and forwarded as soon as possible. Owing to a large number of varieties being obtainable only in European countries, we can fill our orders only as we receive stocks from abroad. Should we not receive any items, we reserve the right to cancel such orders.

### HOW TO ORDER

**ORDER EARLY.** It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops, with no more stock obtainable. Send your order early, we will do the rest.

**USE OUR ORDER SHEET,** if possible. It will save time after we receive it. It is desirable that plant orders be separated from seed orders, as these departments are separate.

Customers can forward their orders **By Express** as all express companies have purchasing departments in all their offices. They make no charge other than the regular rates for transportation of the goods.

**ADDRESS.** It is quite necessary to have name and address **complete and written plainly**, to avoid delay and goods missent.

**PARCEL POST.** Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating:

**"Goods reach us by Parcel Post only,"**

to avoid mistakes in sending by express.

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We guarantee safe delivery to the Railroad and Express Companies. Our responsibility ceases when we take Railroad or Express signature.

### PRICES, TERMS, Etc.

The prices quoted in this catalogue are net, and not subject to discount. All prices are subject to change without notice.

**REMITTANCES** should be made in the form of Express Money Order, P. O. Money Order, Bank Draft, or Registered Letter. Plants will not be shipped C. O. D.

Customers wishing to open accounts, must furnish satisfactory references, Boston preferred. If such references do not accompany the order, the goods will be forwarded C. O. D. to avoid delay.

**WE MAKE NO CHARGE FOR PACKING CASES,** baskets or barrels. We charge for cloth bags only and these at cost.  $\frac{1}{4}$  bus. 10c.,  $\frac{1}{2}$  bus. 15c., 1 bus. 25c., 2 bus. 50c.

**CONDITIONS OF SALE.** We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, plants or bulbs we sell; and we will not be in any way responsible for the crop. All orders taken by our agents or salesmen, including any special terms or conditions pertaining to same, are subject to the approval of our home office. If the purchaser does not accept the goods on these terms, they are to be returned at once.

**FOTTLER, FISKE, RAWSON CO.**

## Parcel Post Rate Table

Weight Lbs.	ZONES							
	Local	1st-2d	3d	4th	5th	6th	7th	8th
1.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2.....	..06	..06	..08	..11	..14	..17	..21	..24
3.....	..06	..07	..10	..15	..20	..25	..31	..36
4.....	..07	..08	..12	..19	..26	..33	..41	..48
5.....	..07	..09	..14	..23	..32	..41	..51	..60
6.....	..08	..10	..16	..27	..38	..49	..61	..72
7.....	..08	..11	..18	..31	..44	..57	..71	..84
8.....	..09	..12	..20	..35	..50	..65	..81	..96
9.....	..09	..13	..22	..39	..56	..73	..91	1.08
10.....	..10	..14	..24	..43	..62	..81	1.01	1.20
11.....	..10	..15	..26	..47	..68	..89	1.11	1.32
12.....	..11	..16	..28	..51	..74	..97	1.21	1.44
13.....	..11	..17	..30	..55	..80	1.05	1.31	1.56
14.....	..12	..18	..32	..59	..86	1.13	1.41	1.68
15.....	..12	..19	..34	..63	..92	1.21	1.51	1.80
16.....	..13	..20	..36	..67	..98	1.29	1.61	1.92
17.....	..13	..21	..38	..71	1.04	1.37	1.71	2.04
18.....	..14	..22	..40	..75	1.10	1.45	1.81	2.16
19.....	..14	..23	..42	..79	1.16	1.53	1.91	2.28
20.....	..15	..24	..44	..83	1.22	1.61	2.01	2.40
21.....	..15	..25	..46	..87	1.28	1.69	2.11	2.52
22.....	..16	..26	..48	..91	1.34	1.77	2.21	2.64
23.....	..16	..27	..50	..95	1.40	1.85	2.31	2.76
24.....	..17	..28	..52	..99	1.46	1.93	2.41	2.88
25.....	..17	..29	..54	1.03	1.52	2.01	2.51	3.00
26.....	..18	..30	..56	1.07	1.58	2.09	2.61	3.12
27.....	..18	..31	..58	1.11	1.64	2.17	2.71	3.24
28.....	..19	..32	..60	1.15	1.70	2.25	2.81	3.36
29.....	..19	..33	..62	1.19	1.76	2.33	2.91	3.48
30.....	..20	..34	..64	1.23	1.82	2.41	3.01	3.60
31.....	..20	..35	..66	1.27	1.88	2.49	3.11	3.72
32.....	..21	..36	..68	1.31	1.94	2.57	3.21	3.84
33.....	..21	..37	..70	1.35	2.00	2.65	3.31	3.96
34.....	..22	..38	..72	1.39	2.06	2.73	3.41	4.08
35.....	..22	..39	..74	1.43	2.12	2.81	3.51	4.20
36.....	..23	..40	..76	1.47	2.18	2.89	3.61	4.32
37.....	..23	..41	..78	1.51	2.24	2.97	3.71	4.44
38.....	..24	..42	..80	1.55	2.30	3.05	3.81	4.56
39.....	..24	..43	..82	1.59	2.36	3.13	3.91	4.68
40.....	..25	..44	..84	1.63	2.42	3.21	4.01	4.80
41.....	..25	..45	..86	1.67	2.48	3.29	4.11	4.92
42.....	..26	..46	..88	1.71	2.54	3.37	4.21	5.04
43.....	..26	..47	..90	1.75	2.60	3.45	4.31	5.16
44.....	..27	..48	..92	1.79	2.66	3.53	4.41	5.28
45.....	..27	..49	..94	1.83	2.72	3.61	4.51	5.40
46.....	..28	..50	..96	1.87	2.78	3.69	4.61	5.52
47.....	..28	..51	..98	1.91	2.84	3.77	4.71	5.64
48.....	..29	..52	1.00	1.95	2.90	3.85	4.81	5.76
49.....	..29	..53	1.02	1.99	2.96	3.93	4.91	5.88
50.....	..30	..54	1.04	2.03	3.02	4.01	5.01	6.00
51.....	..30	..55	1.06					
52.....	..31	..56	1.08					
53.....	..31	..57	1.10					
54.....	..32	..58	1.12					
55.....	..32	..59	1.14					
56.....	..33	..60	1.16					
57.....	..33	..61	1.18					
58.....	..34	..62	1.20					
59.....	..34	..63	1.22					
60.....	..35	..64	1.24					
61.....	..35	..65	1.26					
62.....	..36	..66	1.28					
63.....	..36	..67	1.30					
64.....	..37	..68	1.32					
65.....	..37	..69	1.34					
66.....	..38	..70	1.36					
67.....	..38	..71	1.38					
68.....	..39	..72	1.40					
69.....	..39	..73	1.42					
70.....	..40	..74	1.44					

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